THE CHEMIST AND DRUGGIST

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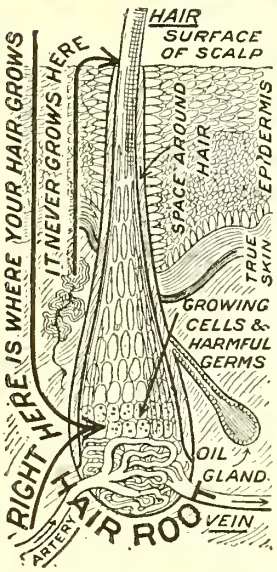
FOR

FALLING OUT and PREMATURELY GREY HAIR



Look at this Diagram of a growing hair greatly magnified, showing how its grows entirely from its root, and that the root is nourished entirely by the blood. See the harmful germs in the root. When the blood is deranged these germs lodge there, multiply, use up the nourishment, soften the root, rob the hair of its colour, stop it growing and make it fall out. When CAPSULOIDS are taken they are dissolved in the stomach and pass into the blood. They supply the wonderful life-giving influence to the red corpuscles which destroy the germs, nourish the roots and cause healthy, vigorous growth of the hair, and CAPSULOIDS is the only remedy that will do this.

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Price to Trade—For quantities of not less than 3 gross, 22/- per doz.; 1 gross, 22/6 per doz.; 4 dozen, 23/- per doz.

The above will be subject to a discount of 6*d.* per dozen if payment is made on or before the 10th of the month following month of purchase, and a **further discount of 3d. per dozen ONLY IF CASH ACCOMPANIES THE ORDER. For less than 4 dozen, 23/6 per dozen, net cash with order.**

For Export, Capsuloids are specially packed in Glass Tubes.

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,,	£5	,,	,, small	,, ...	11/-
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Subject to 2½ per cent. discount. CASH WITH ORDER.

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,, ,, ,, large size, **29/6** ,, ,, ,, ,,

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VERY ATTRACTIVE—FOR THE COUNTER OR WINDOW.

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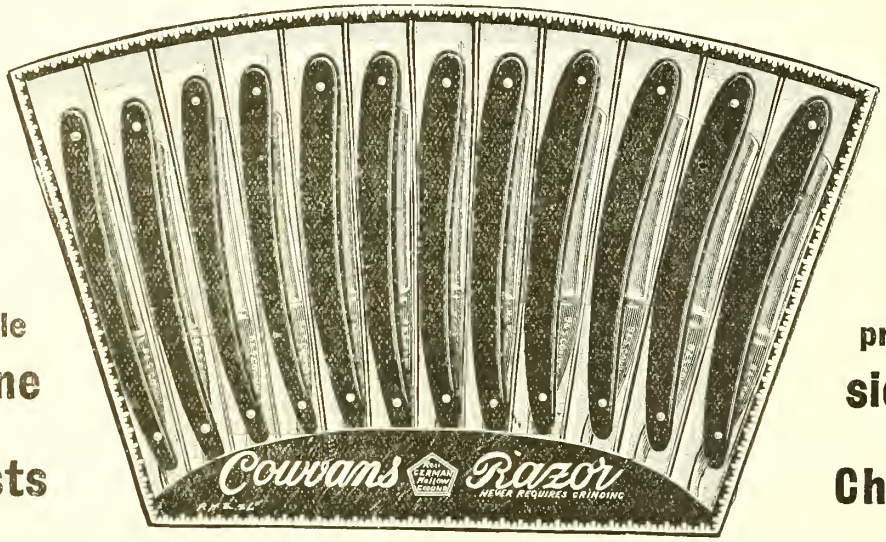

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Cases containing	1 dozen	Cowvan's	Black Handle	Razors, assorted sizes	36 0	per case.
,, ,,	½ ,,	each Black and Ivory	,,	,,	45 0	,,
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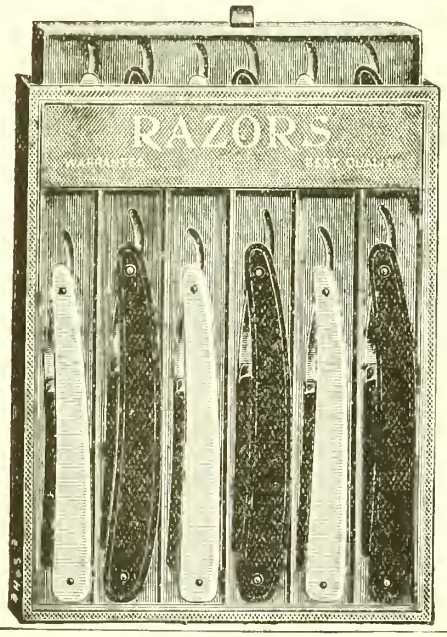
,, ,,	1 ,,	Voogd's	Black Handle	,,	30 0	,,
,, ,,	½ doz. each	,,	Black and Ivory	,,	37 0	,,

THE ASSORTED CASE

With Glass Front.



		s.	d.	
No 2 Case.	Containing ¼ dozen each Razors, assorted, to retail at 1/-, 1/6, 2/- and 2/6 each	15	0	each.
No. 3 Case.	Containing 1 dozen Hovenden's Shilling Hollow Ground Razors, assorted	8	6	,,
No. 4 Case.	Containing ¼ dozen each Hollow Ground Razors, assorted, to retail at 1/6, 2/-, 2/9 and 3/6 each	21	0	,,
No. 5 Case.	Containing ¼ dozen each Hovenden's Original Hollow Ground Razors, Black Handles, assorted Sizes and Points, to retail at 2/6, 2/9, 3/- and 3/6 each	24	6	,,
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1/9 per gallon; 200 gallons, **1/7**; 500 gallons, **1/6** per gallon Net.

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This very high test fluid is naturally more expensive than ordinary "Krysyl," but this is more apparent than real when its great concentration is considered.

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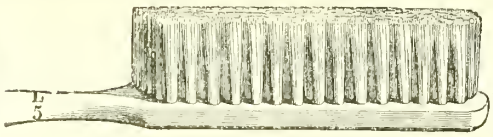

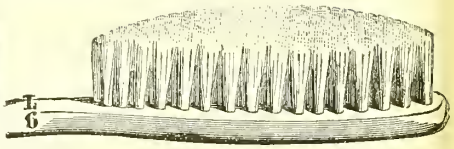

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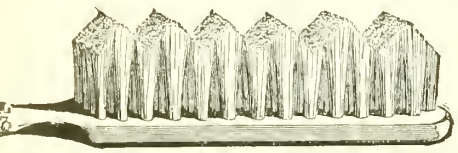
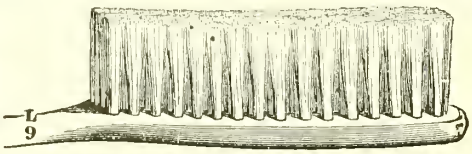
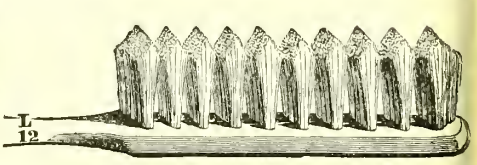
THIS IS NOT a one-sided argument, but for our mutual benefit. We can offer you any of our standard patterns, or we will prepare a special pattern for you. We SHALL ESTEEM your enquiries and place our experience unreservedly at your disposal.

S. MAW, SON & SONS.







INDEX TO ADVERTISEMENTS IN THIS ISSUE.

HEAD OFFICE: 42 Cannon Street, London, E.C. Telegraphic Address: "CHEMICUS LONDON." Telephone No. 852, Bank.
BRANCH OFFICES: MELBOURNE, SYDNEY, AND ADELAIDE, AUSTRALIA.

Page
Acme Chemical Co., The 28
Aërators, Ltd. 14
Alabastine Co. (British), Ltd. 27
Albrethson, A., & Co. 38
Allcock Mfg. Co. 47
Allen & Hanburys, Ltd. 21
Alliance Drug & Chemical Co. 43
Atkinson & Barker 32
Ayrton, Saunders & Co., Ltd. 18

Bailey, W. H., & Son 47
Baiss Bros. & Stevenson, Ltd. 5
Barclay & Sons, Ltd. 20
Barnett & Foster 17
Berkefeld Filter Co., Ltd. 13
Beetham, M., & Son 24
Berdoe & Fish .....*Col. Supp.*
Blackie, R. 39
Boehm, F., Ltd. 40
Botwright & Grey 46
Brett & Co. .....*Col. Supp.*
Bristol-Myers Co. 15
British Drug Houses, Ltd., The *Cover*
Bronnley, H., & Co., Ltd. 22
Brunner, Mond & Co., Ltd. 36
Burge, Warren & Ridgley, Ltd. 46
Burrough, J., Ltd. .....*Text* 750
Burroughs Wellcome & Co. 33
Burrow, W. & J. 15

Cadbury Bros. .....*Cover*
Callard & Co. 30
Camwal, Ltd. 16
Capsuloid Co., Ltd., The 3
Cardinal Manfg. Co., Ltd., The 41
Chemists' Co-operative Wholesale 45
Christy, T., & Co. 31
Coleman & Co., Ltd. 15
Cox, A. H., & Co., Ltd. .....*Cover*
Cresp-Martinenq 23

Davis, J. M., & Sons 48
Day & Sons (Crewe), Ltd. 44

Page
Day, Son & Hewitt 28
Detsinyi, F. 30

Essences, Ltd. 11
Evans, Gray & Hood 32
Evans Sons Lescher & Webb, Ltd. .....*Cover*
Ewen, J., & Sons 17
Exchange Column .....*Col. Supp.*

Farmer, F., & Co. 31
Faulding, F. H., & Co. 41
Fennings, A. .....*Cover*
Fentiman, A. G. 30
Fentiman, A. J., & Co. 31
Fink, F., & Co. 30
Fletcher, Fletcher & Co., Ltd. *Text* 750
Ford, Shapland & Co. 25
Frowein, C. 26

Galen Manfg. Co. 30
Gardner, W., & Sons (Gloucester), Ltd. 48
Goodall, Backhouse & Co. ....*Cover*
Grapelax, Ltd. 30

Halder, E. C. 30
Harker, G., & Co., Ltd. 13
Harker, Stagg, & Morgan, Ltd. 24
Haywood, J. H. 48
Henry, T. & W. 38
Herpicide Co., The 22
Hoffmann-La Roche, Ltd. 32
Horner & Sons 40
Hovenden, R., & Sons 4
Howarth & Fair 32
Hubbuck, T., & Son, Ltd. 39
Hughes, E. Griffiths 30
Hull Oil Manufacturing Co. ... 38
Huntley, Boorne & Stevens, Ltd. 38

Ichthyol Co., The 44
Ilford, Ltd. .....*Cover*

Page
Ingram & Royle, Ltd. 14
Iron-Ox Remedy Co., Ltd. 40
Isaacs, I., & Co. 48

Jordan, J. E. 30

Kay Bros., Ltd. 26
Kilner Bros., Ltd. 50

Lange's Successors 26
Leeds College of Pharmacy ... 29
Lennon, Ltd. 41
Leslies, Ltd. 30
Levermore, A., & Co. 30
Lloyd, T. Howard, & Co. 12
Lofthouse & Saltmer 13
London College of Chemistry 29

Macfarlan, J. F., & Co. 37
Manchester College of Pharmacy 29
Mandall & Co., Ltd. 44
Maw, S., Son & Sons 6
Mawson & Co. 31
May & Baker, Ltd. .....*Cover*
Millar, A., & Co., Ltd. 31
Morris Little & Son, Ltd. 28
Mühlethaler, T., & Co., Ltd.... 23
Newbery, F., & Sons, Ltd..... 22
Northern College of Pharmacy 29

Oakey, J., & Sons, Ltd. 31
Offord Patent Hygienic Truss Co., Ltd. 48

Papier Poudré, Ltd. 24
Parke, Davis & Co. 19
Pears, A. & F., Ltd. 35
Pointet & Girard 38
Poppelreuter, W. 30
Potter & Birks, Ltd. .....*Text* 750
Potter & Clarke 42

Page
Premier Oil Extracting Mills, Ltd. 41

Robare's Aureoline 17
Robinson & Sons, Ltd. 20
Roure-Bertrand Fils 23
Rubwel Co., The 31

Sanitas Co., Ltd. .....*Text* 750
Schimmel & Co. 44
Schutze, F., & Co. 30
Scrubb & Co., Ltd. 22
Singleton & Cole 30
Slack, B. .....*Text* 750
Smith, J. H., & Co. 27
Southall Bros. & Barclay, Ltd. 47
South London School of Pharmacy 29
South of England School of Pharmacy 29
Standard Tablet & Pill Co. ... 34
Stedman, Dr. 31
Strong, Christy 27

Taylor, F. H., & Sons 49
Tomlinson & Hayward, Ltd. *Text* 750 & 25
Tunbridge & Wright 27

Van Abbott & Sons 30
Vernon & Co., Ltd. 47
Vichy Water 15
Viscose Development Co. 17

Wand Manfg. Co. 28
Wardale & Co. 31
Warrick Bros. 34
Washington Chemical Co., Ltd. 38
Westminster College of Pharmacy 29
Wilcox, Jozeau, & Co. .....*Text* 750
Wilson Vet. Medicine Mfg. Co. 30
Wood, V. 47

Zimmermann, A. & M. .....12 & 17
Zotos, Ltd. 46

THE BUYERS' GUIDE.

In this section, under appropriate headings, are given the names of firms advertising in this or other issues of the month. No charge is made to advertisers for the insertion of their names, but only those who have contracts current for advertising in this journal are mentioned. The headings refer generally to the classes of goods actually advertised, but this is not a detailed Guide such as appears in "The Chemists' and Druggists' Diary." Inquiries addressed to "The Chemist and Druggist," 42 Cannon Street, London, E.C., regarding articles not appearing in these pages will receive prompt attention.

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BOOKS AND MAGAZINES
Churchill, J. & A.
Ilford "Photo Manual."
Lewis, H. K.
Martindale's "Extra Phar."
"Prescriber, The"
Squire's "Companion"

BOTANIC DRUGGISTS.
Newball & Mason
Potter & Clarke, Ltd.

BOTTLES
Barnett & Foster
Beatson & Co.
Breffit, E., & Co., Ltd.
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Fecher, M. J.
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Alliance Drug & Chemical Co.
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Howards & Sons, Ltd.
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Viscose Co., Ltd.

CAPS FOR BOTTLES, &c.
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Fecher, M. J.
Viscose Co., Ltd. (self-fixing)

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Melin, C.

CARBOLIC ACID
Burt, Boulton & Haywood, Ltd.
Calvert, F. C., & Co.
Chemists' Co-operative Wholesale
Hoffmann-La Roche, Ltd.
(*See also* DISINFECTANTS)

CARTONS
Ford, Shapland & Co.
Harrison & Waide

CASH TILLS
British Machine Co., Ltd.
Gledhill, G. H., & Sons, Ltd.
O'Brien, T.

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Sturge, John & E.
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Bell, John, Hills & Lucas, Ltd.
Blackie, R.
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Shirley Bros., Ltd.
Southall Bros. & Barclay, Ltd.
Squire & Sons
Standard Tablet & Pill Co.
Stevenson & Howell, Ltd.
Thompson & Capper
Wand Mfg. Co.
Woolleys, Ltd.
(*See also* WHOLESALE)

CHEST PROTECTORS
Solport Bros.
Wood, Vincent

CHLORIDE OF LIME
Brunner, Mond & Co., Ltd.

CHLOROFORM
Duncan, Flockhart & Co.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Morson, T. & Son
Smith, T. & H., Ltd.

CIGARS AND CIGARETTES
Hovenden, R., & Sons, Ltd.
Singleton & Cole, Ltd.

CITRIC ACID AND CITRATES
British Drug Houses, Ltd.
Howards & Sons, Ltd.
Morson, T., & Son
Sturge, John & E.

CLOTH BALLS
O'Neill, Zetts & Co.
Senier, A., & Co

CLINICAL THERMOMETERS
Burge, Warren & Ridgley, Ltd.
Darton, F., & Co.
Hicks, J. J.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Zeal, G. H.

COAL TAR SPECIALITIES
Wright, Layman & Umney, Ltd.

COCOA
Cadbury Bros., Ltd.
Frame Food Co.
Oppenheimer, Son & Co., Ltd.
Van Houten & Zoon

COD-LIVER OIL
Aarsæther, Brödr.
Albrethson, A., & Co.
Allen & Hanburys, Ltd.
Alliance Drug & Chem. Co.
Baiss Bros. & Stevenson, Ltd.
British Drug Houses, Ltd.
Bush, H. W., & Co., Ltd.
Devold, Peder
Evans Sons Lescher & Webb, Ltd.
Goodall, Backhouse & Co.
Jervell & Co., Ltd.
Lloyd, T. Howard, & Co.
Oldfield, Pattinson & Co.
Southall Bros. & Barclay, Ltd.
Woolley, Jas., Sons, & Co., Ltd.
Wright, Layman & Umney, Ltd.
Zimmermann, A. & M.
Zimmermann, C., & Co.

COLOURS, BEVERAGE, &c.
Boake (A.), Roberts & Co., Ltd.
Cresp-Martineng
Stevenson & Howell, Ltd.
(*See also* DAIRY ADJUNCTS)

COMBS
Hovenden, R., & Sons, Ltd.
Kent, G. B., & Sons, Ltd.
Maw, S., Son & Sons
May, Roberts & Co.
Newbery, F., & Sons, Ltd.
Sangers'

CORKS
Mitchell, N. W., & Sons, Ltd.

COUNTER ADJUNCTS
Evans Sons Lescher & Webb, Ltd.

COUNTER SPECIALITIES
Allen & Hanburys, Ltd.
British Drug Houses, Ltd.
Hewlett, C. J., & Son
Newbery, F., & Sons, Ltd.
Southall Bros. & Barclay, Ltd.
Woolleys, Ltd.

CREAM OF TARTAR
British Drug Houses, Ltd.

CREOSOTE
Baiss Bros. & Stevenson, Ltd.
Burt, Boulton & Haywood
Morson, T., & Son

CYANIDES
May & Baker, Ltd.

DAIRY ADJUNCTS
Benger's Food, Ltd.
Fullwood, R. J., & Bland
Tomlinson & Hayward, Ltd.

DEAFNESS AIDS
Hawksley, T.

DENTAL MECHANICS
Fentiman, A. G.
Fentiman, A. J., & Co.
Halder, E. C.
Wardale & Co.

DENTIFRICES
Beecham, T.
Beiersdorf, P., & Co.
Bell, John, Hills & Lucas, Ltd.
Blackie, R.
Burroughs Wellcome & Co.
Calvert, F. C., & Co.
Christy, T., & Co.
Cook, E., & Co., Ltd.
Eucryl, Ltd.
Jewsbury & Brown
Lambert Pharmacal Co.
McKesson & Robbins
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Odol Chemical Works
Sozodont (Richards)
Standard Tablet & Pill Co.
Woods, W., & Son
Woolley, J., Sons & Co., Ltd.

DIABETIC BREAD AND FOOD
Callard & Co.
Van Abbott, G., & Sons

DIGESTIVE PRODUCTS
Armour & Co., Ltd.
Benger's Food, Ltd.
Fairchild Bros. & Foster
Parke, Davis & Co.
Squire & Sons
Zimmermann, C., & Co.

DISINFECTANTS
Baiss Bros. & Stevenson, Ltd.
Burt, Boulton & Haywood, Ltd.
Calvert, F. C., & Co.
Condy & Mitchell, Ltd
Dalmas, A. de St., & Co.
Edwards, W., & Son
Jeyes' Sanitary Compounds, Ltd.
Kay Bros., Ltd.
Lambert Pharmacal Co.
Morris Little & Son, Ltd.
Roberts, Cornford & Co.
Sanitas Co., Ltd.
Tomlinson & Hayward, Ltd.
Willows, Francis B. & T.
Wright, Layman & Umney, Ltd.
Zimmermann, C., & Co.

DOG BISCUITS AND PREPS.
Spratt's Patent, Ltd.

DRUGGISTS' SUNDRIES
Ayrton, Saunders & Co., Ltd.
Barclay & Sons, Ltd.
Berliner, Arthur
Burge, Warren & Ridgley
Chemists' Co-operative Wholesale
Christy, T., & Co.
Cook, Alfred, & Co.
Edwards, W., & Son
Evans Sons Lescher & Webb
Fecher, M. J.
Hay, J. B., & Co.
Hewlett, C. J., & Sons
Hovenden, R., & Sons, Ltd.
Johnsen & Jorgensen, Ltd.
Lennon, Ltd.
Maw, S., Son & Sons
May, Roberts & Co.
Murdoch, John, & Co.
Newbery, F., & Sons, Ltd.
Poths, H., & Co.
Quelch, H. C., & Co.
Renter, R. J.
Sangers'
Schutze, F., & Co.
Solport Bros.
Southall Bros. & Barclay, Ltd.
Taylor, F. H., & Sons
Tidman & Son, Ltd.
Toogood, W., Ltd.
Viscose Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co.

DRUGS, CRUDE
Potter & Clarke, Ltd.
Ransom, W., & Son

DYES
Judson, D., & Son
Whitaker & Co.

EAR SHIELDS
Street Noise Abatement Association

EAU DE COLOGNE
Farina, J. M.
Farina, J. M. (No. 4)
Fickus, Courtenay & Co.
McCracken, J. & R.
Schutze, F., & Co.

EDUCATIONAL INSTITUTIONS
Bath and West of England College of Pharmacy
Birmingham and Midland College of Pharmacy
British Optical Institute
Charing Cross Hospital Medical College
Edinburgh Central School of Pharmacy
Glasgow School of Pharmacy
Leeds College of Pharmacy
Liverpool School of Pharmacy
London College of Pharmacy
Manchester College of Pharmacy
Muter's (So. Lond.) School of Pharmacy
North of England School of Pharmacy
Northern College of Pharmacy
Royal Dental Hospital of London
South of England College of Pharmacy
Westminster College of Pharmacy

ELECTRICAL MASSAGE INSTRUMENTS
Jones & Kleiser

EFFERVESCENT PREPS.
Allen & Hanburys, Ltd.
Bishop, Alfred, Ltd.
Blackie, R.
Bristol-Myers Co.
Cox, A. H., & Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Goodall, Backhouse & Co.
Guest, Thos., & Co.
Kutnow, S., & Co., Ltd.
Lloyd, T. Howard, & Co.
Lorimer & Co., Ltd.
Martindale, W.
Newball & Mason
Potter & Clarke
Standard Tablet & Pill Co.
Sturge, John & E.
Tidman & Son, Ltd.
Tyrer, T., & Co., Ltd.
Wright, Layman & Umney

ELASTIC HOSIERY
Ayrton, Saunders & Co., Ltd.
Berliner, Arthur
Haywood, J. H.
Jackson, Röhrs, & Co.
Maw, S., Son & Sons
Wood, Vincent

EMERY AND CLOTH
Oakey, J., & Sons, Ltd.

EMULSIONS, COD-LIVER OIL, ETC.
Allen & Hanburys, Ltd.
Ayrton, Saunders & Co.
Baiss Bros. & Stevenson, Ltd.
Blackie, R.
Boulton, J., & Co.
British Drug Houses, Ltd.
Evans Sons Lescher & Webb, Ltd.
Faulding, F. H., & Co.
Harker, Stagg & Morgan, Ltd.
Lorimer & Co., Ltd.
Oldfield, Pattinson & Co.
Parke, Davis & Co.
Woolley, Jas, Sons, & Co.
Woolleys, Ltd.

ENEMAS
Bailey, W. H., & Son
Baird Bros.
Burge, Warren & Ridgley
Davol Rubber Co.
Hay, J. B., & Co.
Ingram, J. G., & Son
Maw, S., Son & Sons
Toogood, W., Ltd.
Warne, W., & Co., Ltd.

EPSOM SALTS
Howards & Sons, Ltd.

ESSENCES, CONCRETE
Lautier Fils
Murray, O., & Co., Ltd.
Mallmann, W.
Roure-Bertrand fils
Schmoller & Bompard

ESSENCES, SOL. AND FRUIT
Alliance Drug & Chem. Co.
Baiss Bros. & Stevenson, Ltd.
Barnett & Foster
Boake (A.), Roberts & Co., Ltd.
Bush, W. J., & Co., Ltd.
Cresp-Martinenq
Evans Sons Lescher & Webb
Hay, Wm., Ltd.
Lautier Fils
London Essence Co.
Lorimer & Co., Ltd.
Newball & Mason
Roure-Bertrand fils
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Zimmermann, A. & M.

ETHERS
Baiss Bros. & Stevenson, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons

EUCALYPTUS OIL
British Drug Houses, Ltd.
Baiss Bros. & Stevenson, Ltd.

EXTRACT OF HERBS
Newball & Mason
Potter & Clarke

EXTRACTS (MEDICINAL)
Allen, Stafford, & Sons, Ltd.
Chemists' Co-operative Wholesale
Hewlett, C. J., & Son
Parke, Davis & Co.
Ransom, W., & Son
(*See also* WHOLESALE DRUGGISTS)

FERTILIZERS
With's Chemical Manure Co.

FILLING MACHINES
Roberts' Pat. Fill. Machine Co.

FILTERS (WATER)
Berkefeld Filter Co., Ltd.

FEEDING BOTTLES
Breffit, E., & Co., Ltd.
Fecher, M. J.
Hovenden, R., & Sons, Ltd.
Kilner Bros., Ltd.
Maw, S., Son & Sons
Sangers'
Savory & Moore, Ltd.
Southall Bros. & Barclay, Ltd.
Taylor, F. H., & Sons

FLYCATCHERS
Alabastine Co. (British), Ltd.
Ford, Shapland & Co.
Frowein, C.
Kay Bros., Ltd.
Lange's, H., Successors
Smith, J. H., & Co.
Strong, Christy

FOODS, INFANTS'
Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Frame Food Co., Ltd.
Lofthouse & Saltmer
Natural Food Co., Ltd.
Willows, Francis B. & T.

FOODS, SPECIAL
Allen & Hanburys, Ltd.
Bendle, Ltd.
Benger's Food, Ltd.
Brand & Co., Ltd.
Callard & Co.
Fairchild Bros & Foster
Frame Food Co., Ltd.
Menley & James, Ltd.
Miol Manufacturing Co.
Natural Food Co., Ltd.
Wander, A.

FORMALDEHYDE
Burt, Boulton & Haywood

FULLER'S EARTH
Mumford, G. S., & Sons

FUMIGATORS
Sanitas Co., Ltd.

GELATIN AND GLUE
Boehm, F., Ltd.

GLAUBER'S SALT
Bramwell, E., & Son
Howards & Sons, Ltd.

GLYCERIN
Boehm, F., Ltd.
Price's Patent Candle Co.

GOLD PAINT
Judson, D., & Son

GRINDERS
Allen, Stafford, & Sons, Ltd.
Goodall, Backhouse & Co.
Willows, Francis B. & T.

HAIR PREPARATIONS
Capsuloid Co., Ltd.
Chesebrough Manfg. Co.
Dralle, Georg.
Edwards' "Harlene" Co.
Harker, Stagg & Morgan
Herpicide Co.
John Bull Hair Food
John Strange Winter
"Nyto" Co.
Rubare's Anreoline
Rowland, A., & Sons
Woolleys, Ltd.

HAT DYES
Whitaker & Co.

HAT RENOVATORS
Christy, T., & Co.

HERBS
Potter & Clarke

HOMŒOPATHIC MEDICINES
Ashton & Parsons, Ltd.
Keene & Ashwell, Ltd.
Leath & Ross

HOT-WATER BOTTLES
Berliner, Arthur
Burge, Warren & Ridgley
Hutchinson Co.
Maw, S., Son & Sons
May, Roberts & Co.
Southall Bros. & Barclay
Wood, Vincent

HOTELS
Esmond Hotel
Kingsley Hotel
Thackeray Hotel

HYDROGEN PEROXIDE
May & Baker, Ltd.
Sanitas Co., Ltd.
Tyrer, T., & Co., Ltd.

HYPOPHOSPHITES
May & Baker, Ltd.
Merck, E.
Tyrer, T., & Co., Ltd.

INHALERS
Christy, T., & Co.
Fecher, M. J.
Sangers'

INK
Bewley & Draper, Ltd.
Hickisson, A. B.
Hooper, W., & Co.

INSECT POWDER
Boehm, F., Ltd.
Smith, B. A., & Co.

INSECTICIDES
Smith, B. A., & Co.
Tomlinson & Hayward, Ltd.
Woolleys, Ltd.

IODINE AND IODIDES
Howards & Sons, Ltd.
Merck, E.
Morson, T., & Son

ITROSYL
Fletcher, Fletcher & Co.

JARS AND POTS
Breffit, E., & Co., Ltd.
Cook, A., & Co.
Johnsen & Jorgensen, Ltd.
Kilner Bros., Ltd.
Lang, Jules, & Son
Maw, S., Son & Sons
Poths, H., & Co.
Reuter, R. J.
Stipendum Stopper Co.
Taylor, F. H., & Sons
Toogood, W., Ltd.

LACTIC FERMENTS
Allen & Hanburys, Ltd.
Cox, Arthur H., & Co., Ltd.
Martindale, W.
Parke Davis & Co.
Wilcox, Jozeau & Co.

LAMPS, DISINFECTING
Roberts, Cornford & Co.

LANOLINE
Burroughs Wellcome & Co.
Christy, T., & Co.
Sangers'

LANTERNS
Butcher, W., & Sons

LARD
Chemists' Co-operative Wholesale
Ewen, J., & Sons

LIME JUICE AND CORDIAL
Evans Sons Lescher & Webb
Goodall, Backhouse & Co.
Idris & Co., Ltd.

LINSEED, CRUSHED, ETC.
Allen, Stafford, & Sons
Mumford, G. S., & Sons

LINTS
Vernon & Co., Ltd.

LIQUORICE JUICE
Boehm, F., Ltd.
British Drug Houses, Ltd.
Evans, Gray & Hood
Evans Sons Lescher & Webb, Ltd.
Horner & Sons
Jackson, E. E.
Mumford, G. S., & Sons

LIQUORS, CONC., ETC.
Allen, Stafford, & Sons, Ltd.
Fletcher & Fletcher & Co.
Hewlett, C. J., & Son
Robinson, B., & Co.

LITHIA SALTS
British Drug Houses, Ltd.
May & Baker, Ltd.
Merck, E.

LOOFAHS
Cresswell Bros. & Schmits

LOZENGES
Allen & Hanburys, Ltd.
Cox, A. H., & Co., Ltd.
Denoual, J., & Co.
Guest, Thos., & Co.
Jackson, E. E.
Potter & Clarke
Raimes & Co.
Warrick Bros.

MACHINERY, PHARMACAL
Allen & Hanburys, Ltd.
Bennett, E., & Son, Ltd.
Bennett, Sons & Shears, Ltd.
Brown & Son
Fecher, M. J.
Gardner, Wm., & Sons, Ltd.
"Hercules" Meat Juice Press
Pindar, J. W., & Co.
Roberts' Patent Filling Machine Co.
Smith, B. A., & Co.
Stokes, F. J., Machine Co.
Thompson & Capper (Stokes)
Wilkinson, S. W., & Co.

MAGNESIA AND ITS SALTS
Henry, T. & W.
Howards & Sons, Ltd.
May & Baker, Ltd.
Washington Chemical Co.

MALT EXTRACT AND PREPS.
Allen & Hanburys, Ltd.
Baiss Bros. & Stevenson, Ltd.
Blackie, R.
British Dia Malt Co.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb
Hewlett, C. J., & Son
Lorimer & Co., Ltd.
Oppenheimer, Son & Co., Ltd.
Paine & Co., Ltd.
Southall Bros. & Barclay, Ltd.
Squire & Sons
Woolley, Jas., Sons & Co., Ltd.
Wright, Layman & Umney

MARKING INK
Hickisson, A. (Bond's)
Hooper, W., & Co.

MEASURES
Taylor, F. H., & Sons

MEAT EXTRACT
Armour & Co., Ltd.
Brand & Co., Ltd.

MEDICINE CHESTS
Burroughs Wellcome & Co.
Keene & Ashwell, Ltd.
Leath & Ross
Lloyd, T. Howard, & Co.
Parke, Davis & Co.

MENTHOL CONES
Maw, S., Son & Sons
Shirley Bros., Ltd.

MERCURIALS
Howards & Sons, Ltd.
May & Baker, Ltd.
Merck, E.
Tyrer, T., & Co., Ltd.

METEOROLOGICAL SETS
Darton, F. & Co.

METHYLATED SPIRIT
Burrough, J., Ltd.
Preston's Liverpool Distillery
Randall & Son, Ltd.

MILK APPARATUS
Hawksley, T.
Zimmermann, C., & Co.

MILK BYPRODUCTS
Casein, Ltd.

MINERAL WATERS AND SALTS
Apollinaris Co., Ltd.
British Drug Houses, Ltd.
Burrow, W. & J. (Malvern)
Hughes E. Griffiths
Ingram & Royle, Ltd.
Vichy (State Springs)

NAPHTHAS
Burt, Boulton & Haywood

NOISE EXCLUDERS
Street Noise Abatement Association

OILS, ESSENTIAL
Allen, Stafford, & Sons, Ltd.
Alliance Drug & Chem. Co.
Baiss Bros. & Stevenson
Boake (A.), Roberts, & Co., Ltd.
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Cresp-Martinenq
Evans Sons Lescher & Webb, Ltd.
Horner & Sons
Jakson, J., & Co.
Lautier Fils
London Essence Co.
Matthew, Jesse
Mühlethaler, Th., Ltd.
Pasquale, S. F. de, & Fratelli
Poppelreuter, W.
Ransom, W., & Son
Roure-Bertrand fils
Schimmel & Co.
Schmoller & Bompard
Spencer, J., Son & Co.
Spurway et Cie.
Stevenson & Howell, Ltd.
Todd, A. M., Co.
Wright, Layman & Umney
Zimmermann, A. & M.

OILS, FATTY, ETC.
Allen, Stafford & Sons, Ltd.
Cresp-Martinenq
Price's Patent Candle Co.
Smith, B. A., & Co.

OILS, MINERAL
Price's Patent Candle Co.
Wright, Layman & Umney

OINTMENTS
Blackie, R.
Chemists' Co-operative Wholesale
Oldfield, Pattinson & Co.

OPTICAL GOODS
Botwright & Grey
Darton, F., & Co.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Nitsche & Günther
Raphael's, Ltd.

OPTICAL INSTRUCTION
British Optical Institute

PACKED GOODS
(*See* Wholesale)

PALATINOIDS
Oppenheimer, Sons & Co.

PASTILLES
Allen & Hanburys, Ltd.
Asche, C. F., & Co.
Baiss Bros. & Stevenson
Burroughs Wellcome & Co.
Denonal, J., & Co.
Evans Sons Lescher & Webb
Warrick Bros.

PATENT AGENT
Barker, R. W.

PERFUME MATERIALS
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Compagnie Morana
Cresp-Martinenq
Haliflor Co.
Lantier Fils
Mallmann, W.
Mühlethaler, Th., Ltd.
Murray, O., & Co., Ltd.
Schimmel & Co.
Shipkoff & Co.
Spencer, J., Son & Co.
Spurway et Cie.
Treatt, R. C., & Co.
Zimmermann, C., & Co.

PERFUMES
Allen & Hanburys, Ltd.
Barclay & Sons, Ltd.
Breidenbach & Co.
Bronnley, H., & Co., Ltd.
Bush, W. J., & Co., Ltd.
Christy, T., & Co.
Chuit, Naef & Co.
Cresp-Martinenq
Dralle, Georg.
Erasmic Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Grossmith, J., Son, & Co.
Haliflor Co.
Hewlett, C. J., & Son
Hovenden, R., & Sons, Ltd.
Lescol Perfumery Co.
McCracken, J. & R.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Piver, L. T.
Quelch, H. C., & Co.
Reuter, R. J.
Southall Bros. & Barclay
Spencer, J., Son & Co.
Spurway et Cie.
To-Kalon Mfg. Co.
Warrick Bros.
West, T.
Zenobia Laboratories

PESSARIES
Burge, Warren & Ridgley
Rendell, W. J

PETROLEUM EMULSION
British Drug Houses, Ltd.

PETROLEUM JELLY
Chesebrough Mfg. Co.

PHOTO. CHEMICALS
Boehringer, C. F., & Soehne
Burroughs Wellcome & Co.
Lockyer, J. E.
Merck, E.

PHOTO. GOODS
Barclay & Sons, Ltd.
Butcher, W., & Son, Ltd.
Darton, F., & Co.
Evans Sons Lescher & Webb
Halifax Photographic Co.
Ilford, Ltd.
Lennon, Ltd.
May, Roberts & Co.
Murdoch, John, & Co.
Newbery, F., & Sons, Ltd.

PHOTO. ENLARGERS, PRINTERS, &c.
Express Developing Co
Halifax Photographic Co.

PLASTERS
Allcock Mnfg. Co.
Berliner, Arthur
Beiersdorf, P., & Co.
Dalmas, A. de St., & Co.
Leslies, Ltd.
Maw, S., Son & Sons
Solport Bros.

PILL MAKERS
Allen & Hanburys, Ltd.
Asche, C. F., & Co.
Bishop, Alfred, Ltd.
British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd
Davies, Sons & Co.
Evans Sans Lescher & Webb, Ltd.
Hewlett, C. J., & Son
Howards & Sons, Ltd.
Lloyd, T. Howard, & Co.
McKesson & Robbins
Parke, Davis & Co.
Pill, Tablet, & Capsule Alliance
Southall Bros. & Barclay
Standard Tablet & Pill Co.
Wand Mfg. Co.
Warner, W. R., & Co.
Woolley, J., Sons & Co., Ltd.

POLISHES (VARIOUS)
Bradley & Bourdas
Judson, Daniel, & Son
Oakey, J., & Son, Ltd.

PRINTERS
Dudley & Co.
Ford, Shapland & Co.
Harrison & Waide
London & County Printing Works
Smith, W. H., & Son
Townsend, J., & Sons

PROPRIETARY ARTICLES
Anglo-American Drug Co.
Anglo-American Phar. Co., Ltd.
Ashton & Parsons, Ltd.
Atkinson & Barker
Barclay & Sons, Ltd.
Beecham, T.
Beiersdorf, P., & Co.
Bile Bean Mfg. Co.
Box, W. H.
British Drug Houses, Ltd.
Capsuloid Co., Ltd.
Cardinal Mnfg. Co., Ltd.
Chameleon Oil Co.
Christy, T., & Co.
Coleman & Co., Ltd.
Congreve, G. T.
Cox, A. H., & Co., Ltd.
Curry, Henry
Daggett & Ramsdell
Daisy, Ltd.
Davenport, J. T., Ltd.
Day & Sons (Crewe), Ltd.
Day, Son & Hewitt
Denonal, J., & Co.
Edwards, W., & Son
Elliman, Sons & Co.
Evans Sons Lescher & Webb
Faulding, F. H., & Co.
Fellows' Syrup
Fennings, Alfred
Ferris & Co.
Fulford, C. E., Ltd.
Dalloff Tea Co.
Goodall, Backhouse & Co.
Grapelax, Ltd.
Greeff, R. W., & Co.
Guy's Tonic Co.
Heala Manufacturing Co.
Henry, T. & W.
Hovenden, R., & Sons, Ltd.
Hughes, E. Griffiths
Ichthyol Co.
Iron-Ox Rem. Co., Ltd.
Kaufmann, Dr
Kay Bros., Ltd.
Knight & Co.
Kutnow, S., & Co., Ltd.
Lalor's, Dr., Phosphodyne
Lambert Pharmacal Co.
Lofthouse & Saltmer
Lorimer & Co., Ltd.
Mandall & Co., Ltd.
May Roberts & Co.
Menley & James, Ltd.
Miol Manufacturing Co.
Newbery, F., & Sons, Ltd.
Odol Chemical Works
Owbridge, W. T., Ltd.
Resinol Chemical Co.
Richards, J. M., & Sons
Rubwel Co.
Sangers'
Savaresse's Capsules (Evans)
Schimmel & Co.
Squire & Sons
Standard Tablet & Pill Co.
Stedman's Teething Powders
Thompson & Capper
To-Kalon Mfg. Co.
Tunbridge & Wright
Wilcox, Jozean & Co.
Wood's Peppermint Cure
Zotos, Ltd.
(*See also* Dentifrices and Toilet Articles)

PULVELLÆ
Warrick Bros.

PULVERETTES
Oppenheimer, Son & Co., Ltd.

PUMPS
Berkefeld Filter Co., Ltd.

QUININE AND SALTS
Boehringer, C. F., & Soehne
Howards & Sons, Ltd

RAZORS
Auto-Strop Safety Razor Co.
Hovenden, R., & Sons, Ltd.

RENNET
Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.

RESINS AND RESINOIDS
Allen, S., & Sons, Ltd.
Allen & Hanburys, Ltd.
Morson, T., & Son
Ransom, W., & Son
Smith, T. & H., Ltd.

RESPIRATORS
Zimmer & Co.

RUBBER GOODS
Baird Bros.
Burge, Warren & Ridgley, Ltd.
Davol Rubber Co.
Evans Sons Lescher & Webb, Ltd.
Fecher, M. J.
Galen Mfg. Co.
Haywood, J. H.
Hovenden, R., & Sons, Ltd.
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Schering's Synthetic Camphor.

The following decision was arrived at in Court on May 4th regarding the use of Synthetic Camphor in place of Natural Camphor, and was reported in full in the "Chemist & Druggist," May 8th, 1909.

The Attorney for the Defence stated that it was true the B.P. said camphor was obtained from the tree Cinnamomum camphora, but he thought it a very strong thing to say that genuine camphor from any other source must not be used, and the B.P. did not say so. Moreover the B.P. was now eleven years old, and considerable advances in science had been made in that time. Synthetic camphor in its present nearly perfect form was not then on the market, or probably it would have been referred to as well as the natural kind. He proceeded to show that synthetic camphor differs from the natural only in respect to action on polarised light, and added that he had come prepared to prove that the properties were the same in each case. He quoted several High Court decisions supporting his contentions as to the sufficiency of defendant's warranty.

After further evidence given by expert gentlemen, the Chairman said that the Bench were unanimously of the opinion that the warranty was good and that the summons must be dismissed.

SCHERING'S SYNTHETIC CAMPHOR is made in Flowers, Tablets and Pearls, and may be obtained from any Wholesale Druggist.

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Messrs. T. HOWARD LLOYD & CO., Manufacturing Chemists, Leicester, desire to express their grateful thanks to the many friends who have kindly expressed their sympathy with them in the disaster which occurred on the 27th ult., and for the many offers of help which they have received from their friends in the Wholesale trade.

They are glad to be able to announce that they are now rapidly getting everything in order, and are able to give prompt attention to all orders.

IMPORTANT.

"BERKEFELD" FILTER.

In the "Journal of Hygiene," Vol. 8, No. 1, appeared an article by Dr. Bulloch and others which states that out of 10 "Berkefeld" Filters only one yielded a sterile filtrate.

This article has been challenged for us by Dr. Andrew Wilson, F.R.S.E., on the ground that our "Berkefeld" Filters were not properly treated by Dr. Bulloch, inasmuch as he sterilised the filtering cylinders by heating instead of by boiling, the former being a process which our "Berkefeld" Filters, on account of their composition and mounting, are not constituted to stand.

The results at which Dr. Bulloch arrived may therefore be regarded as absolutely worthless.

Our "Berkefeld" Filters have been tested on very many occasions and have always been found to yield germ-free water, provided proper attention is paid to their regular cleaning and sterilising—*vide* Special Report to the "British Medical Journal" by Dr. Sims Woodhead (now Professor of Pathology at Cambridge University) and Dr. Cartwright Wood.

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TRADE MARK.

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LOSALL'S SALT (well advertised), tins ...	6d. ...	3/6 net.
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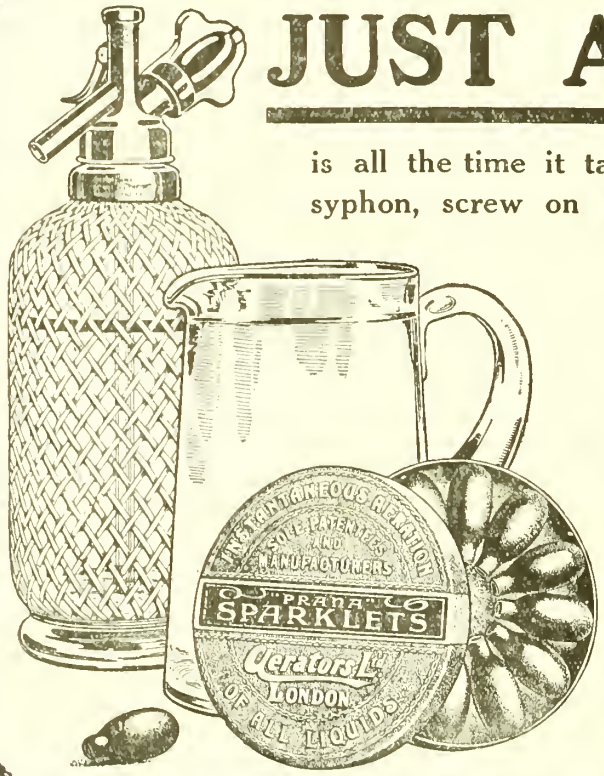

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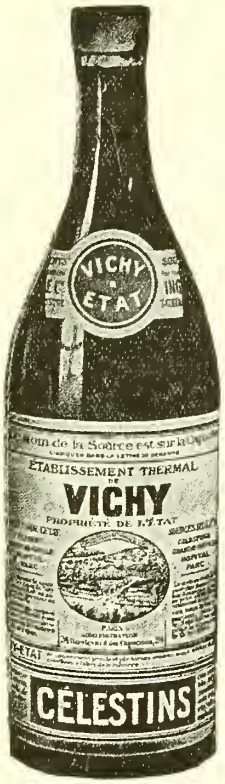

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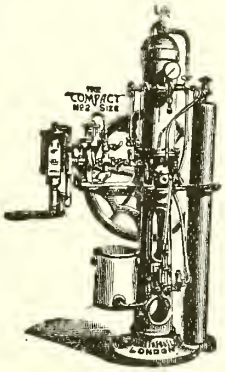

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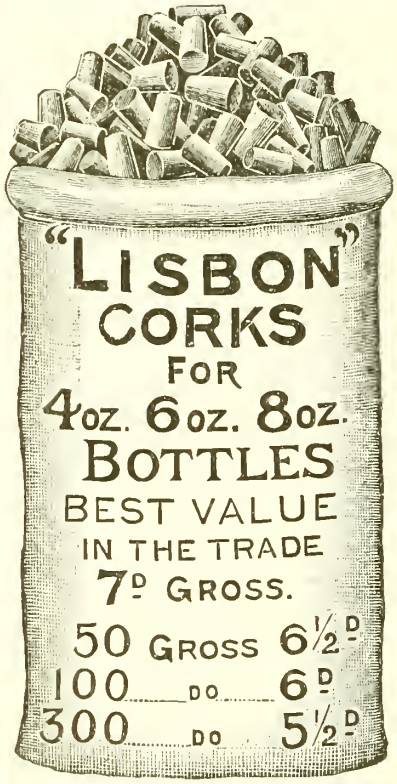

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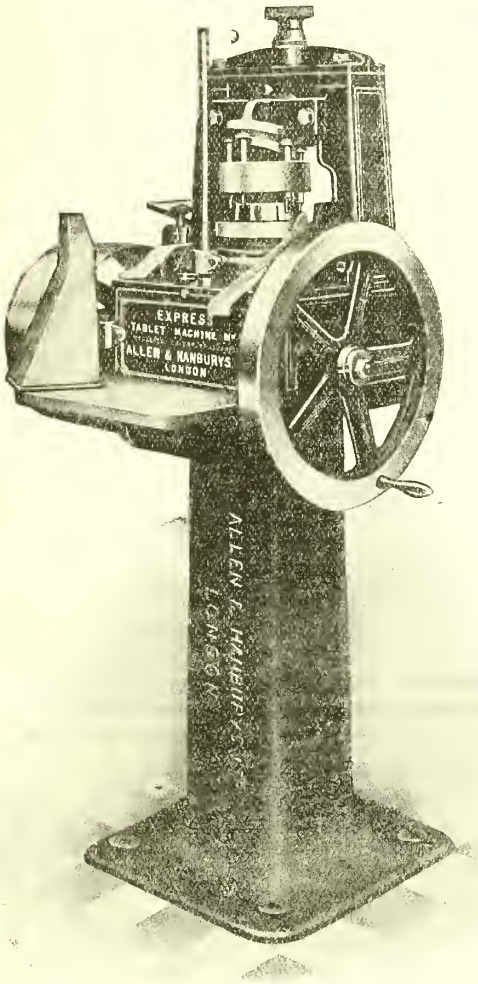

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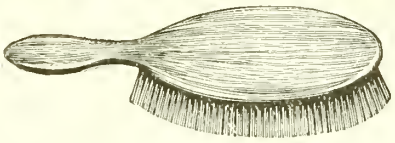

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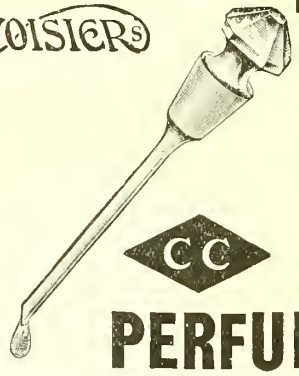

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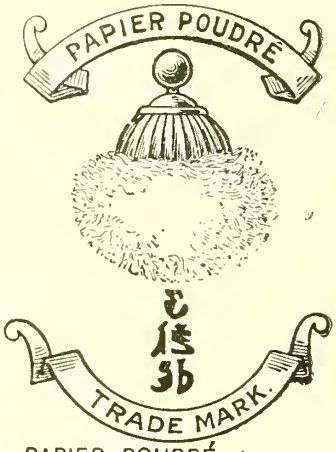

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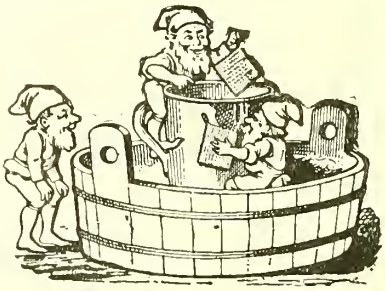

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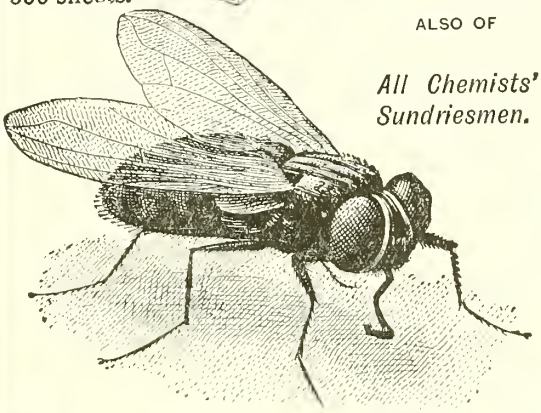

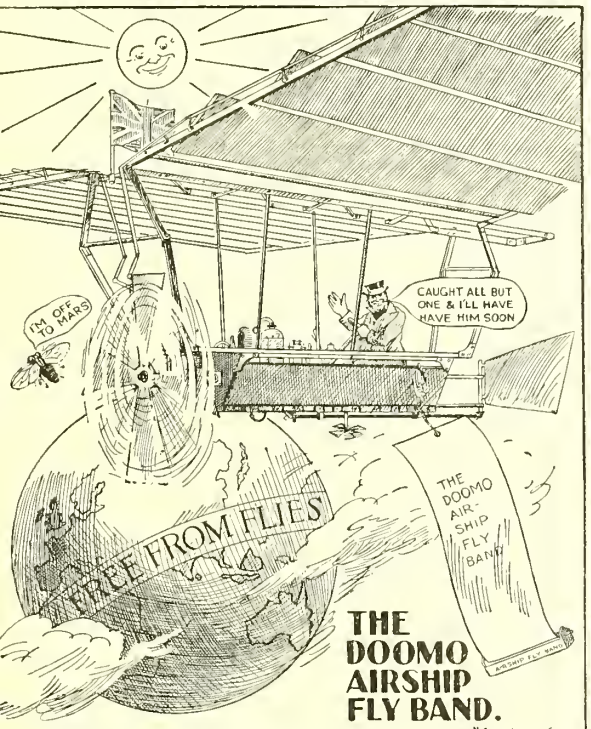

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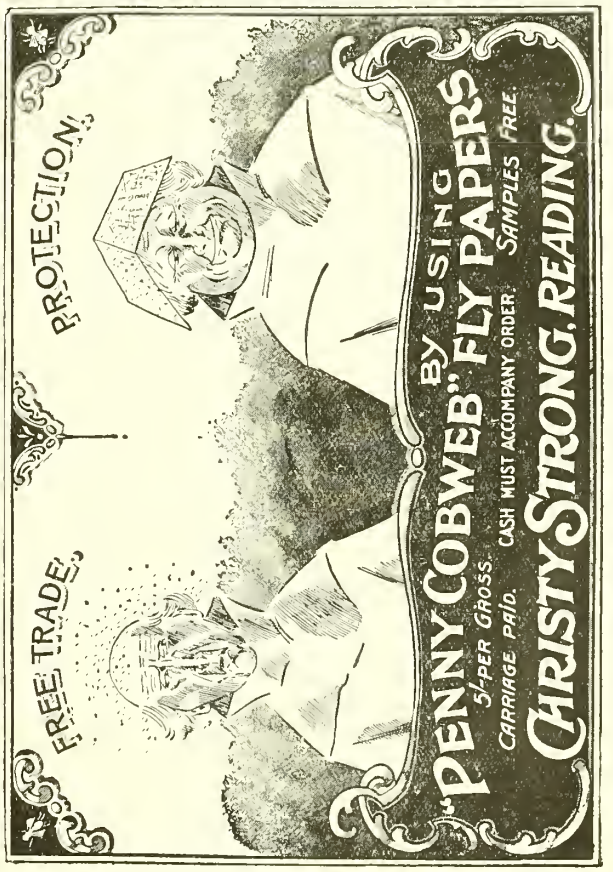

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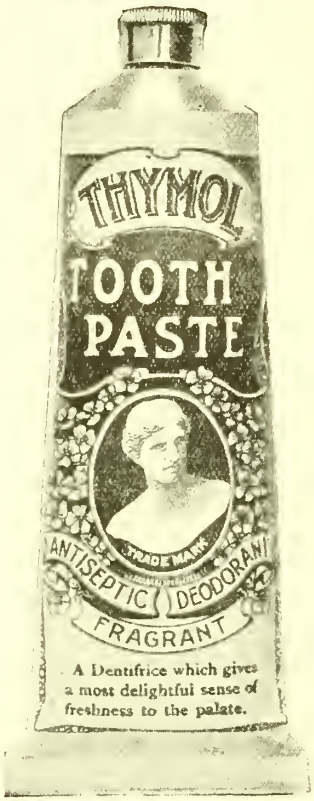

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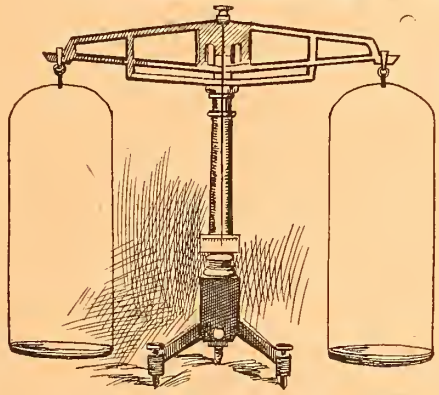
Advertisers are desired to take note that the advertisements of Businesses for Disposal and Wanted, Situations Open and Required, Exchange Column, &c., belong to the **PREPAID CLASS, and to ensure the due insertion of the announcements the remittances must accompany the instructions.** A great amount of unnecessary correspondence is occasioned by the non-observance of this regulation, and the Publisher hopes that the advertisers will assist in the quick preparation and despatch of the Supplement by strictly observing this rule. Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week.

A Copy of this Supplement is inserted in every Number issued of "The Chemist and Druggist."



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3.—LONDON (Northern Suburb).—Retail and Dispensing Business; all good middle-class trading; returns between £1,800 and £2,000 per annum; attractive, well-fitted shop, fully stocked; modern house; 21 years' lease; price £1,200.

4.—HOME COUNTY.—Good-class Retail and Dispensing Business; well situate in favourite residential locality; returns £1,500 per annum, which produce a net income of £360 (proof given); well-fitted shop (by Treble); roomy house; held on lease; price £1,000.

5.—LONDON, N.W. (main road).—Neglected Business; Retail and Dispensing, with small Mineral-water plant; returns £550; scope for large development; roomy house; terms, simply the value of stock and fixtures.

6.—LONDON, E.C.—Retail and Dispensing Business; excellent position; attractive shop, fitted in mahogany and plate glass; *net profit between £400 and £450 yearly*; further details on application.

7.—LONDON, S.W. (Busy Thoroughfare).—Ready-money Business; Retail, Dispensing, and Photographic; returns £1,050, increasing; *net profit* 25 *per cent.* (about); modern-fitted shop; good house, held on lease; price £650.

8.—DERBYSHIRE (Health Resort).—High-class Dispensing and Retail Business; held by vendor many years; returns £700 yearly; excellent opening for a young, energetic man; well-appointed shop and premises, held on lease; terms, simply the value of stock and fixtures.

9.—SURREY (Favourite Residential Locality).—Good-class Business; held by vendor about 50 years; now retiring; returns £1,050, at fair prices; full investigation courted; offer wanted.

10.—LEEDS.—Retail, Dispensing, and Prescribing Business; present hands 50 years; returns between £750 and £800; *gross profit* £350; rent £60; new lease if required; valuation terms entertained.

11.—SOUTH COAST.—Dispensing and Retail Business; held by vendor many years; returns average £1,226; present rate less; double-fronted shop, well fitted and fully stocked; further details on application.

12.—BRISTOL.—Good profitable Retail Business, chiefly ready-money; returns £500; well-appointed shop and residence; held on lease; rent £35; price £400; ill-health cause of sale;

13.—NORTH OF ENGLAND.—Attractive Pharmacy; established many years; returns (present rate) £1,600; double-fronted shop; corner position; commodious house; private entrance; inspection invited; price £1,250.

14.—NORTH WALES (Health Resort).—Old-established Business; held by vendor many years; returns between £600 and £700 per annum; scope for increase; *gross profit* £300 (about); double-fronted shop; good position; comfortable house; further details on application.

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LANCS.—Very nice Retail and Dispensing Business; good sale of own Proprietaries; good premises and nice position; old-established; returns over £500; price £350, or valuation; very profitable.

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MIDDLESEX.—Light Retail, Dispensing, and Prescribing; pretty district; good house; returns £700; net profit £200; price £550.

KENT.—Middle-class Retail, Dispensing, and Prescribing; nice house; seaside resort; returns £350; net profit £125; price £150.

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3.—DERBYSHIRE (Small Town).—Mixed Country Retail; returns £850; best position; price for quick sale £375, or near offer.

4.—SUSSEX.—Good-class Light Country Retail; returns about £950; plenty of scope; owner retiring; price £600.

5.—KENT.—Unopposed Light Country Retail; returns £800; net profit £300; easily worked; price £535.

6.—SOUTH COAST.—Good-class Retail and Dispensing; returns about £1,000; good profits; price £50 and valuation.

7.—N. WALES (Health Resort).—Good-class Retail and Dispensing; splendid position; returns £870; net profit £290; price £650.

8.—HOME COUNTY (Market Town).—Light Family Retail; returns £850; scope for doing £1,200; price £50 and valuation.

9.—EAST COAST.—Light Cash Retail; returns £400 under assistant; has done £1,000; corner position; main street; price £300.

10.—VICTORIA STATION (near).—First-class Retail; returns over £1,250; net profit £439; splendid position; price £1,000.

11.—LONDON, N.W.—Profitable Cash Retail; returns £578 under manager; net profit £200; price £400; worth attention.

12.—LONDON, S.E.—Light Suburban Retail; returns £400 to £450; main road position; price only £145.

13.—HOME COUNTY (Important Market and Residential Town).—Good-class Retail, Dispensing, and Prescribing; returning £30 weekly, has done £50; large Pharmacy; excellent position; handsomely fitted and well stocked; price £1,050.

14.—NORTHERN COUNTY.—Sound General Retail, Prescribing, and Photographic Business; returning over £2,600; splendid position; well fitted and heavily stocked; price about £1,800.

15.—SURREY.—Unopposed good-class Retail; returns £10 weekly, increasing; modern Pharmacy; price £250.

16.—KENT COAST.—Light Retail and Dispensing; returns £900; net profit £230; price £500.

17.—BANKS OF UPPER THAMES.—Middle-class Retail; returns £652; net profit £213; price £300 or valuation.

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21.—LONDON, E. (Busy Main Road).—Returns £22 weekly; net profit £300 to £350; scope for increase; price £625.

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NOTE.—Replies can be addressed to this Office and forwarded to the Advertiser for an Additional charge of 6d.

COLONIAL BUSINESSES.

We call the special attention of our Colonial subscribers to the opportunity this Supplement affords when they wish to dispose of their Businesses, of getting into touch with likely buyers either at home or in the Colonies.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

EASTERN SUBURB.—A compact, up-to-date Pharmacy, in main road of growing neighbourhood, for immediate Disposal; well fitted throughout; 21 years' lease, 15 years to run; opened by proprietor 6 years ago; no reasonable offer declined. Apply, "Statim" (42/21), Office of this Paper.

EDINBURGH.—Old-established good-class Retail and Dispensing Business; main thoroughfare of extensive residential neighbourhood; stock and fittings fully £500; owner going abroad for family reasons; exceptional opportunity for energetic man; entry may be arranged now, or any time within 3 months. Apply, "Quercus" (42/19), Office of this Paper.

HERTS.—Good sound Cash Business for immediate Disposal; returns averaging £1,500 per annum; excellent house; good reasons given for sale; also a complete set of mahogany shopfittings with shop-pounds; a bargain. "G.," 35 Howard Lane, Putney, S.W.

LANCASHIRE and Yorkshire Borders (Populous and Growing District).—Gross returns £1,046; net profits £250; cash trade, with full Wine Licence; price £500; owner retiring. Address, "Colin," c/o Southall Bros. & Barclay, Ltd., Birmingham.

LONDON, S.W.—No misrepresentation; books kept; trial invited; genuine Retail, Dispensing, and Photography; main road; established 10 years; returns £638; net profits £213; shop handsomely fitted in mahogany; well stocked; valuable Proprietaries; Patents £7 monthly; only wants seeing; price £450 (about value of stock and fixtures). "R." (40/30), Office of this Paper.

LONDON, N.—A genuine old-established Business; well stocked; returns about £300, increasing; no opposition; profits average over 50 per cent.; will accept £100; owner going abroad; would suit qualified or unqualified man. Apply, "Owner," 35 Bridge Road, Hammersmith, W.

LONDON, S.E. (Residential Suburb).—Large modern Pharmacy; solid mahogany fittings; well stocked; house, 7 rooms and bathroom, private entrance; pleasant garden; stable and coach-house; returns average last 6 years over £700, good profits; Optics and Dentistry recently added; rapidly increasing; only 4 changes last 50 years; rent £75; immediate sale necessary; splendid opportunity for man with £450 cash; inspection invited. Apply, "W. G. A." (44/12), Office of this Paper.

LONDON, N.—At valuation of stock and fixtures (about £350); a good medium-class Dispensing and Retail Business; returns about £750 (increasing); satisfactory reasons for disposal; good accommodation and pleasant residential locality; thorough investigation to genuine buyer. "J. H." (44/48), Office of this Paper.

LONDON Suburb.—High-class Light Retail, Dispensing, and Photographic Business in main thoroughfare; shop handsomely fitted and well stocked; good opening for Optics; price, valuation of stock and fixtures (about £400); fullest investigation invited to genuine buyer; references required; no agents. "Confidential" (34/20), Office of this Paper.

LONDON, W.—Exceptional opportunity for acquiring a first-class going concern; fully stocked and well-fitted; prominent position, in leading thoroughfare; cash trade; good profits; scope for increase; valuable lease, ensuring a merely nominal rent, inclusive of rates and taxes; fullest investigation invited; proprietor entering profession; price £2,250. 41/18, Office of this Paper.

MANCHESTER.—Old-established Chemist Shop, with good Dental Practice, side door and good living, to be Disposed of; one of the oldest in the trade and profession (over 70 years). "Teeth" (42/38), Office of this Paper

MIDLANDS.—Good-class trade; old established; corner position, main road; returns under bad management £800; Dispensing appointment worth £30 per annum; rent £35; good profits; for speedy sale price £420. Particulars, "Truth" (43/28), Office of this Paper.

NORTH WALES.—Genuine old-established Business for Disposal; returns last year £1,020, at good profits; rent £35 (house may be sublet at £20); large shop, in best position; season shortly commencing; failing health; sacrifice price for quick buyer £550, or nearest. Apply, "Ferrum" (46/1), Office of this Paper.

SCOTLAND.—Genuine Country Business for Sale, including Dispensing, Photographic, Optics, Dentistry, and good Agricultural connection; returns £800; rent moderate; fittings and stock at valuation. Apply, for further particulars, to "Pharmacist" (43/34), Office of this Paper.

SOUTH.—Unopposed, old-established, large Village Business for Disposal; Retail with good Prescribing; splendid profits; suit qualified or unqualified; convenient house; large garden; rent £34; price about £200 cash; genuine reasons for selling. "Sig" (42/17), Office of this Paper.

SOUTH-WESTERN COUNTY (Market town).—A good-class Country Retail, returning £960 yearly; clear net income nearly £350; low rent; long lease; good house and large garden; price £900; stock and fixtures worth fully £850; an exceptionally good opportunity, and worthy of special attention. "Eucryl" (45/23), Office of this Paper.

BUSINESSES FOR DISPOSAL

(continued.)

S.W.—A small Chemist's Business; in increasing neighbourhood; under qualified management; double-fronted corner shop; on main road; fitted electric light; seven-roomed house; healthy district; shop nicely fitted and well stocked; rent £45; average £600; cash £300 or offer considered; good reason for disposing. 41/20, Office of this Paper.

WARWICKSHIRE.—Country Business; unopposed; Wines and Spirits, Tobacco; main thoroughfare; good house and shop; rent £25; returns average £640; suit beginner or Store man; price £300. 37/18, Office of this Paper.

W. LONDON.—Ideal Pharmacy, splendidly fitted and well stocked, on main thoroughfare in W. London suburb; Prescribing, Photographic, Optical; modern house and garden; rent £45; 14 years' lease; net profit £190; price £350; absolutely genuine; great bargain for immediate purchaser; owner taken partnership in large business. "Alpha" (44/28), Office of this Paper.

WEST OF ENGLAND.—Good-class Country Business; nearest opposition 10 miles; old-fashioned prices; fair amount of Prescribing; large sale of own Specialities; few Patents at face prices; no heavy trade; Photo or Dental; plenty of scope; profit £300; rent and rates £30; stock £300; price £500; references with first application. 41/33, Office of this Paper.

YORKSHIRE.—Genuine Light Retail and Prescribing; returns under unqualified Manager £10, and increasing; no booking; rent £26; no rates; corner shop; thriving neighbourhood; no near opposition; scope for increase; nice house; private entrance; reason for selling, taking larger; good opening for Dentistry and Photographic; trial allowed; price £160. "Genuine" (43/20), Office of this Paper.

A VERY profitable Dispensing and Prescribing Business for Disposal, situated in populous growing locality; no opposition; excellent stock and fixtures; returning £7 weekly, which could be increased by Dentistry and Photography (both much needed); price about £300. For full particulars apply to Messrs. Ayrton & Saunders, 34 Hanover Street, Liverpool.

BUSINESS for Disposal; Sheffield; pleasant suburb; no opposition; good house, bath (h. and c.); suit young man; ill-health reason of disposal. Apply, 42/14, Office of this Paper.

COUNTRY Retail Business for Sale; returns about £675; in Midlands; large house, more than usually convenient; rent £55; good prices; few Patents; no qualified opposition; about £300 or valuation; stock reduced if desired; house could probably be sub-let; a good opportunity to acquire an old-established concern very reasonably. Apply, "Retail" (42/18), Office of this Paper.

GENUINE offer; £100; Drug-stores; established over 12 years; situated in main thoroughfare between two off-licensed houses; thickly-populated neighbourhood of large seaport town; very much neglected, owner having other business; sure good living for pushing man; fairly well stocked; no opposition; a chance in a hundred. "Gelsemina" (42/22), Office of this Paper.

OLD-ESTABLISHED Chemist Business; largely Prescription; no goodwill; valuation stock and fittings estimated £120; fixtures belong to landlord; moderate rent; turnover £650. 37/12, Office of this Paper.

MODERN Method.—We have a Business with bold-fronted shop in a busy shopping thoroughfare, North-West London; come and see it, gauge its capabilities, and make us an offer. 44/31, Office of this Paper.

TO Chemists.—For immediate Disposal, Business situate in the City; lease having about 3½ years unexpired at a rent of £112 2s. per annum; very extensive premises, consisting of double-fronted shop, large cellars, and 8 living-rooms; turnover about £1,000 per annum; stock £300 at cost; lease and goodwill £250; stock, fixtures, and fittings at valuation; an unique opportunity of acquiring an old-established City business at a nominal figure. Further particulars of Francis Nicholls, White & Co., 14 Old Jewry Chambers, London, E.C., Chartered Accountants.

WE ask £25 premium for 14 years' lease; commanding Chemist's shop and house; grand position; rental £60; present returns £1,100; profits about one-third; owner ordered South through illness; stock and fixtures optional; remarkable chance of obtaining a valuable business for £25. Murray Rosenberg, Sole Agent, 80 High Street, Stoke Newington.

£35 (rockbottom price, all at).—Business situated in market thoroughfare; splendid position; proprietor going out of the trade; this is a chance seldom met with; rent £42; good house (2 rooms now let off 7s. weekly); nice garden; household goods and furniture would be sold if desired. Address, "Styrax" (44/39), Office of this Paper.

£75.—A Bargain.—London, N.W.—Suit qualified or unqualified; genuine opportunity for capable Prescriber; opening for Dentistry and Photography; price asked little more than valuation of stock and fixtures. "Statim" (41/40), Office of this Paper.

£50.—Exceptional opportunity occurs to acquire small Suburban Business; purchase price is for stock only, as fixtures can remain at small rental; there is plenty of scope to increase business, which only wants looking after and slight additional stock; present owner must sell, having other business on hand. "Immediate" (45/6), Office of this Paper.

£125 required for old-established Business; part can be paid by instalments if necessary; exceptional opportunity for an energetic man; no opposition; crowded neighbourhood; could introduce side-lines; well-fitted shop, and good workable stock. 45/36, Office of this Paper.

£140 all at, in growing neighbourhood 10 miles from London; to a good Prescriber and Dentist this would bring in a little fortune; takings for last 3 years average £7 a week; at present under management. 44/30, Office of this Paper.

£600; old established Dispensing and Photographic, with opening for Optics; heavily stocked; good-class country town, within easy distance of London; large house and well-stocked garden; no dealers. 37/14, Office of this Paper.

TENDERS.

EGYPTIAN GOVERNMENT.
MINISTRY OF THE INTERIOR.
DEPARTMENT OF PUBLIC HEALTH.

TENDERS are invited for the following: (*a*) Drugs; (*b*) Surgical Dressings; (*c*) Bottles for Dispensing. Specifications and Conditions of Contracts may be obtained on application to

The Director-General, Department of Public Health, Cairo. Tenders must reach Cairo not later than September 1st, 1909.

E. AMSTER, Director of Stores, D.P.H.

BUSINESSES WANTED.

BUSINESS wanted doing about £500 or less, with scope for improvement; advertiser willing to pay cash down for genuine concern; Northern or Eastern Counties; small town not objected to; Agricultural or Mixed business preferred. Address, in confidence, to "Solanum" (40/40), Office of this Paper.

WANTED, a good-class Business yielding a net profit of £300 or over; London suburb preferred. Full particulars and lowest cash price to "B. C. G." (40/22), Office of this Paper.

WANTED, in Southern, Midland, Eastern, and Northern Counties, Businesses returning from £800 to £3,000; Messrs. Berdoe & Fish have cash buyers waiting to secure genuine concerns; intending vendors should communicate with the above firm at their Transfer Valuation Offices, 35 Jewry Street, Fenchurch Street, E.C. Established 1870.

AGENCIES.

HIGH-CLASS firm manufacturing Fine Alkaloids and Chemicals on large scale, desires to appoint Agents already established on commission for Scotland and Ireland, residing in Glasgow and Belfast respectively. Apply, with particulars, to 43/19, Office of this Paper.

WANTED, by a firm of Manufacturing Perfumers, Agents calling upon Chemists, Stores, etc. Apply, with references and particulars, to 44/68, Office of this Paper.

TO LET.

FOLKESTONE (near Shorncliffe Camp).—To Let, good double-fronted Shop and nice house, on main road; a good opening for smart business man, where a personal trade can be done; rent £45; on lease; now vacant; only wants seeing. Henry Ransom, Bournemouth Road, Folkestone.

GLASGOW.—Spacious Shop to Let in busy part of Argyle Street; frontage 22 ft., depth 65 ft.; moderate rent; early possession arranged. Macdonald, Agent, 33 Aylestone Road, Leicester.

SOUTH KENSINGTON (main road).—One or two unusually attractive Shops, commanding position in busy shopping centre, to be Let; suitable for Chemist. Apply on premises, 133 Colcherne Court, Old Brompton Road, S.W.

EXCEPTIONAL position for Chemist; Walkden Buildings, Stockwell Gate, Mansfield; commodious, modern saleshop, with large room over; rent £35. Apply, Baker Halford & Sons, Nottingham.

TO Chemists and Druggists.—Hampstead Garden Suburb.—Excellent opening for this Business; main road position, adjoining the above rapidly-developing estate; shop and 6 rooms; rent only £80 per annum. For plan and particulars apply, Ernest Owers, Golder's Green, N.W. (facing Tube Station), and at Finchley Road and West Hampstead.

FOR SALE.

FITTINGS.—Mahogany 70-ft. run of drawers, glass labels and knobs, shelving, and cornice over same; 10-ft. counter, glass cases in front; 8-ft. by 10-ft. wall-case, complete. Offers, lot or singly, "S." (45/32), Office of this Paper.

PROPRIETARY Articles for Sale, or Partnership might be arranged; old and well established; good steady sale at large profit; agents in most towns; capital required to purchase outright £400; no need to be qualified. Dixon, 5 Eton Road, Haverstock Hill, N.W.

TABLET-MACHINES, 1 Crown, 1 Colton's, for Sale cheap; also ½ b. horse-power gas-engine; all in running order; may be inspected in London; open to any reasonable offer. Apply, by letter, to "H.," 9 Campden Road, South Croydon.

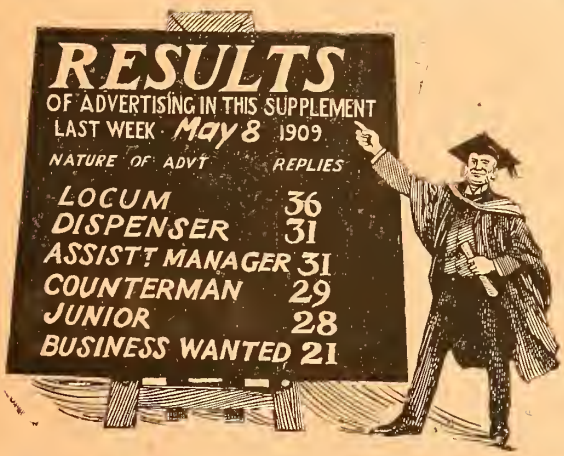
PARTNERSHIPS.

AN old-established Limited Company and firm of Essence Distillers and Chemists, with a considerable British and foreign trade, are open to receive proposals from a gentleman (30 to 35) having best qualifications as a tactful Chemist and a sound business man, with a view to acquiring Directorship by Purchase of Shares, and this exceptional opportunity is due to the retirement of a director. State capital available with application. "Essences" (37/54), Office of this Paper.

OWING to the death of one of the Principals of an important business in a market town in the South of England there is a vacancy for an active Partner about 36 years of age; capital required about £1,000; full information as to turnover and profit will be afforded; applicants must have been accustomed to a quick Cash and Prescribing trade, and it will be considered an advantage to have had experience in Optics and Photography. Apply, "Pharmacy" (44/6), Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of advertisers who use a number or nom de plume.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

RETAIL.

BIRMINGHAM.—Qualified Assistant; able to take charge of a branch; must be a good Salesman and Dispenser; gentlemanly and energetic. Apply, giving full particulars of age, height, experience, salary required (outdoors), with photo, to Hedges & Son, Pharmacists, Birmingham.

BRIDLINGTON.—Qualified Assistant; about 24; four months' engagement; outdoors; no Sunday duty. Applicants will please state salary required and give the usual references and particulars, H. J. Jackson, Pharmacist, Bridlington.

BRIGHTON.—Junior or Improver wanted (age 20 to 23) for up-to-date Cash business; quick and willing worker with good address and gentlemanly manners; good references indispensable; knowledge of Photography; half-day off weekly. State salary (outdoors), with usual particulars, enclosing photo if possible, "Mutual" (39/37), Office of this Paper.

BRISTOL.—Wanted, a qualified Assistant; age about 22 or 23; must be a good Counterman, capable, and of good address. Apply, giving full particulars as to salary, experience, etc., Ferris & Co., Ltd., Bristol.

CALCUTTA.—Wanted, by well-known firm, qualified (Minor) man with good experience and first-class references; about 24; must be single; passage paid out and home; 4 years' agreement; salary first year 200, second 225, third 250, and fourth year 300 rupees per month. Apply, giving full particulars of experience, etc., to 18/24, Office of this Paper.

CAMBERLEY, SURREY.—Wanted, for a good-class Family business (indoors), a gentlemanly Assistant; age about 24. State salary, references, and all particulars to Ralph J. Evans, Camberley.

CAPE COLONY.—Qualified Assistant; about 26; 3 years' agreement; salary £180 first year, £192 second year, £204 third year; second-class passage paid out. Apply, with photo and copies of testimonials, to "R. L.," o/o S. Maw, Son & Sons, 7 to 12 Aldersgate Street, E.C.

CAPE TOWN.—Assistant wanted; young man; Minor qualification; 3 years' agreement to be signed; salary £13, £14, and £15 per month for first, second, and third years respectively; second-class passage paid. Apply, with particulars of experience, to "J. M. & Co." (45/66), Office of this Paper.

CARDIFF.—Experienced Counterman wanted; salary 35s. (outdoors). Apply, stating age, height, experience, with two references and photo, Duck & Son, Chemists, Cardiff.

COLCHESTER.—Junior Assistant wanted; indoors; hours 8.30 to 8, Saturdays 10, Thursdays 2. Apply, with usual particulars, to Weddell, 105 High Street, Colchester.

DENMARK HILL, S.E.—Wanted, young Junior Assistant; must have good references; accustomed to Dispensing business; state age and salary required; interview preferred. H. W. Neathercoat, 60 Denmark Hill, London.

DOUGLAS, ISLE OF MAN.—Assistant (indoors), capable of taking full charge, at once, for season ending middle or end of October, in good-class Dispensing business; Photography very necessary. Send all particulars with first application, Jno. S. Aspell, 38 Buck's Road, Douglas.

GLOUCESTER.—Junior Assistant wanted; able to Dispense. Apply, with full particulars, to R. J. Shepherd, Pharmaceutical Chemist, Gloucester.

GRIMSBY.—Qualified Assistant with good knowledge of Photographic trade. Applicants will kindly give full particulars of experience, references, salary (indoors), and enclose photo if possible, to Charles Dewing, Pharmacist, Grimsby.

GUERNSEY.—Assistant; qualified or unqualified; outdoors; Retail only; short hours; plenty time for study; help given; abstainer essential; slight knowledge of French preferred. For further particulars apply, Carré, Chemist, Guernsey.

HALIFAX.—Wanted, young qualified Assistant; good Window-dresser and Salesman; used to Store trade; half-holiday weekly; no Sunday duty. State full particulars and enclose photo, Taylors (Northern), Ltd., Arcade, Halifax.

SITUATIONS OPEN *(continued.)*

HONITON.—Qualified Manager for good Dispensing business in market town; easy hours; no Sunday duty, half-day Thursday; a knowledge of Agriculture and Photography, and abstainer preferred. Kindly give full particulars, salary (indoors, every comfort given), when disengaged, reference, and photo, Dyer, Pharmacist, Honiton.

JAPAN.—Qualified Assistant (about 24) in old-established English Chemist's; excellent climate and surroundings; short hours; liberal and progressive salary; passage paid out and home. Apply, 41/10, Office of this Paper.

LIVERPOOL.—Wanted, experienced Assistant in good-class Dispensing and Retail business. Full particulars in first letter. Apply, C. A. Maries, Chemist, Waterloo.

LLANDUDNO.—Wanted, a qualified Assistant for high-class Dispensing business. Apply, stating age, reference, salary required (indoors), to T. Esmor Hooson, Llandudno.

LONDON, W.—Required, qualified Assistant; competent to Manage and desirous of real permanency; age about 30; good height, appearance, address, and thorough Counter work essential; an energetic, methodical, and obliging man can remain in this berth for years. Particulars and photo to Messrs. Wright, Ltd., 25 Broadway, Hammersmith.

LONDON, S.W.—Junior (outdoors) for Dispensing and Photographic business; knowledge of Optics desirable. Apply, personally, J. Keall, Pharmacist, 68 West Hill, East Putney.

LONDON, W.C.—Outdoors; required, qualified Junior with London experience. Personal application preferred to Haynes, 72 Southampton Row, London, W.C.

LONDON, W.—Junior or Improver (about 20), with some knowledge of Photography preferred, in high-class Dispensing business; indoors; 2 kept. Apply, stating age, height, salary, and experience, enclosing photo (to be returned), to H. Dixon, 1 Russell Gardens, Holland Road, Kensington, W.

LONDON, E.C.—Junior, qualified (outdoors), for high-class City Pharmacy; hours 8.30 to 7, earlier Saturdays; no Sunday duty. A. W. Waring, 3 Bucklersbury, E.C.

LONDON, W.—Qualified Assistant; permanency; must be good Prescriber and used to quick trade, Photography, etc.; married preferred; age 26 to 30. Apply, giving full particulars as to salary required, height, references, etc., and if possible enclose photo (which will be returned), 41/14, Office of this Paper.

LONDON, W.—Wanted, qualified Manager; end May; energetic, capable; good salesman and window-dresser; Extractor preferred; good working-class business; comfortable hours; half-day; alternate Sunday duty (2 hours only); outdoors, but dinner and tea provided; good commission and moderate salary; permanency to the right man. Write or call, Challis, Chemist, Southall.

LONDON, N.W.—Wanted, at once, Assistant, not under 25 years; must have good knowledge of Dispensing; indoors; comfortable home and weekly half-holiday; personal interview preferred. C. A. Noble, 110 Mill Lane, W. Hampstead, N.W.

LONDON, S.E.—Wanted, qualified Junior for brisk suburban Dispensing business; board inf. sleeping accommodation provided out; salary £70. Apply, Mellin & Co., Eltham, S.E.

LONDON, S.W.—Required, Dispenser; Minor qualification; aged about 25; outdoors; hours of work approximately 8.45 to 6 P.M., Saturdays till 2 P.M.; no Sunday duty; 14 days' clear annual vacation. Reply, stating full particulars of experience, etc., to 1017, Sell's Advertising Offices, Fleet Street, E.C.

LONDON, S.W.—Stickland & Co., Pharmaceutical Chemists, 23 Cromwell Place, South Kensington, require a qualified Assistant; good Dispensing experience; state salary required, enclose photo if possible; age about 23; indoors.

LONDON, S.W.—Wanted, qualified Dispenser; outdoors; short hours; high-class Dispensing. Apply, by letter, stating age, salary expected, etc., to "Chemist," Civil Service Co-operative Society, 28 Haymarket, S.W.

LONDON, S.W.—Wanted, a qualified Assistant; outdoors; easy hours; weekly holiday; alternate Sunday evenings 6 to 9.30. Apply, "W. G.," c/o Barron, Harvey & Co., Giltspur Street, E.C.

LONDON, W.—Part-time Junior wanted; daily 8.30 A.M. to 10.30 A.M. and 12.30 to 2.30 mid-day; also two days from 1.30 to 10.30, and Sundays 6 to 9. F. G. Turner, 67 Fernhead Road, Paddington, W.

LONDON.—Junior Assistant; aged 22. Apply personally, "Chemist," 25 Camberwell Green, S.E.

LONDON, S.E.—Wanted, young, energetic, qualified man to work up old-established business which has been neglected; hours of business, 8.30 to 8.30, and 10.30 on Saturday; no Sunday nor holiday duty; outdoors, but meals provided during business hours; highest references and business ability essential; moderate salary and share in profits. Apply, in first instance, to "Permanency" (45/31), Office of this Paper.

MALVERN.—Qualified Assistant, accustomed to a good-class business; indoors. Apply, stating salary required, experience, references, age, height, and enclose photo, to W. H. Jones, Pharmaceutical Chemist, Malvern.

MANCHESTER District.—Qualified Assistant (outdoors) for 3 or 4 months; age not under 24 years; must be energetic and a capable Counterman, with Dispensing and Photographic experience. Address, stating when at liberty, age, height, references, salary, etc., and enclosing photo (to be returned), to T. Woodruff, Pharmacist, West Didsbury, Manchester.

MANCHESTER.—Qualified Assistant wanted for Manager of branch shop; outdoors; one accustomed to all-round middle-class trade; abstainer preferred. References and salary required, Gill & Son, Pharmacists, Pendleton, Manchester.

MANCHESTER.—Wanted, qualified Manager; outdoors; must be smart, up-to-date man. Apply, stating salary, experience, etc., to N. Withnall & Co., Ltd., 85 Moss Lane West, Manchester.

MANCHESTER.—Wanted, fully qualified Assistant for large Store; state age, salary, experience, etc.; hours 8.30 to 7, Saturdays 2 P.M. 44/404, Office of this Paper.

OLDHAM.—Wanted, qualified Assistant; outdoors; state age, height, experience, references, and salary required, with photo. Address, 37/17, Office of this Paper.

PONTEFRACT.—Junior Assistant (outdoors) wanted; one just out of apprenticeship preferred. Full particulars and references to Wm. Bratley, Chemist, Pontefract.

PONTYPOOL, Mon.—Smart, capable, qualified Manager for branch business in same town; Light Retail, Photography; highest references required; to live indoors with married assistant (no children). Apply, Godfrey C. Wood, Pharmacist, 5 George Street.

ROCK FERRY, BIRKENHEAD.—Wanted, at once, a smart Junior; good-class Dispensing and General Retail; outdoors. Apply, T. B. Davies, 296 Old Chester Road.

ST. ANNES-ON-THE-SEA.—Temporary Assistant (indoors) for holiday relief; 2 or possibly 4 weeks from about mid June; accustomed to first-class business. State salary, usual particulars, and enclose photo, J. H. Taylor.

SCARBOROUGH.—Qualified Assistant (age about 24 years) with all-round experience; quick and willing worker. Apply, with full particulars as to salary, etc., and enclose photo (which will be returned), to W. R. Eyre, 147 Falsgrave Road, Scarborough.

SOUTHEND-ON-SEA.—Wanted, smart Junior for season; outdoors; hours moderate (about 60 a week). Bell & Co., 73 High Street, Southend-on-Sea.

TUNBRIDGE WELLS.—Wanted, capable and energetic Assistant in high-class business, early in June; unqualified; outdoors. Apply, with full particulars of age, experience, salary required, and enclosing photo, to A. E. Hobbs, 33 Mount Pleasant, Tunbridge Wells.

WARWICK.—Qualified Assistant, at once (indoors), easy hours, in first-class Dispensing and Retail business. Apply, with particulars and photograph, to Chas. Pratt, Chemist, Warwick.

CAPABLE Junior wanted, early, for good-class Dispensing business; exceptionally easy hours; half-day weekly; no Sunday duty; liberal salary to suitable man; send photograph, state salary required, and references. Apply, W. Hibbert & Sons, Pharmaceutical Chemist, Neath.

DISPENSER, qualified, wanted for the Kilburn Provident Medical Institute; salary £60, rising to £75; duties to begin June 14. Applications, with 3 recent testimonials, should be sent by May 25 to the Secretary, 7 Cavendish Road, Brondesbury, N.W., from whom regulations may be obtained on receipt of stamped envelope.

HEAVY trade; Assistant not under 35; competent; knowledge of Paints and Varnishes necessary; permanency to suitable man; no Sunday duty; half-holiday weekly. Applications not answered in 3 days respectfully declined. Apply, with references, salary, etc., to C. A. George & Son, Fargate, Sheffield.

IMMEDIATELY, a Junior Assistant; good Dispensing knowledge, also Photography; easy hours. Apply, stating age, salary required, and send photo, J. Stuart Crabb, Chemist, Sunningdale.

JUNIOR or Improver (age about 20 to 21) for Light Retail; short hours; no Sunday duty. Apply, with usual particulars as to age, height, salary (outdoors), with photo, to A. Robinson, 36 Market Street, Atherton, near Manchester.

JUNIOR accustomed to Dispensing and Light Retail business. State full particulars as to age, height, experience, reference, and salary required to 41/30, Office of this Paper.

MANAGER for small branch; outdoors; hours easy; moderate salary; registered or qualified. Apply, with last two references, A. H. Ferriday, Chemist, Oakengates.

METROPOLITAN HOSPITAL, Kingsland Road, N.E.—Wanted, at once, a qualified Dispenser (Male); salary 2 guineas weekly, with lunch and tea. Applications, stating age, qualifications, with copies of recent testimonials, to be forwarded to the undersigned, J. C. Buchanan, Secretary.

PART-TIME Assistant required near Paddington Station; not necessarily qualified, but one of good practical experience in Prescribing and Extracting. In replying please state age and time at disposal, and terms, reference, and general experience, and if any in Impressions. Apply to "Pyro" (41/12), Office of this Paper.

QUALIFIED Manager wanted, on June 1, for good-class business in market town (Hants); Junior kept; must have undeniable references and understand Photographic and Agricultural trade; good Dispenser; outdoors; good salary and commission. Apply, Kirkman, Chemist, New Milton, Hants.

QUALIFIED Assistant required; smart and gentlemanly; good salary and prospects; must possess exemplary character for honesty and sobriety. Timothy White Co., Ltd., Portsmouth.

QUALIFIED Manager for important business; centre of busy Midland industrial town; Mixed trade in modern, clean way; thoroughly organised throughout; must be active, methodical, steady, business-like; generous encouragement to suitable man; none but workers need apply, giving experience, and photo if possible (returnable), "M." (45/37), Office of this Paper.

WANTED, a thoroughly reliable qualified Manager for branch; married, and live on premises preferred; Welsh-speaking an advantage, but not an absolute essential. Give fullest particulars in first letter (letters not answered in 5 days declined), T. Thomas, Chemist, Treharris, South Wales.

WANTED, smart Junior Assistant; well up in Practical Photography and Dispensing; good-class business; pleasant seaside town. Apply, giving full particulars as to height, reference, salary required, with photo if possible, to Rees Barrett, Triangle Pharmacy, Clevedon, Somerset.

WANTED, immediately, a qualified Manager for small branch shop. Please state salary required, references, and please send photo if possible, D. E. Davies, Chemist, Treorchy, Glamorganshire.

WANTED, for City business, qualified Assistant; about 24; must have first-class experience; short hours; no Sunday duty; outdoors; personal interview necessary. Apply, 44/33, Office of this Paper.

WANTED, for Mixed Country business near South Coast, with small Wholesale in Oils, Paints, and Druggists' Sundries, competent Assistant, able to take charge if required; permanency for single or married man with the right experience and whose references will bear strict investigation. State salary required (applications treated confidentially), "Dorset" (42/4), Office of this Paper.

WANTED, a fully-qualified Dispenser for 3 days a week; small salary offered. Apply, Medical Mission Dispensary, Old Canning Town.

WHOLESALE.

CITY.—Wanted, unqualified man; experienced in sale of Elastic Hosiery and Surgical Belts, Bandages, and Appliances; short hours; easy berth. Apply, giving experience and salary, to 44/36, Office of this Paper.

ANALYTICAL and Laboratory Chemist, by London Manufacturing Chemists; fully experienced in Drug Analyses and Standardisations, and with a working knowledge of General Laboratory routine. Apply, giving salary required and all particulars, to 46/8, Office of this Paper.

ASSISTANT Manager required by firm of Manufacturing Chemists and Wholesale Druggists in Scotland; must be first-class man, with experience of Buying and management of warehouse; liberal salary. Apply, stating full particulars as to age, experience, salary expected, etc., 45/73, Office of this Paper

CHEMIST'S Representative required to carry good selling Speciality as Side-line on commission. Apply, in first instance, with full particulars as to ground covered and other commissions held, to "X. X." (41/29), Office of this Paper.

LABORATORY Assistant for South Africa.—Wanted, a young unmarried man with good all-round knowledge; preference given to one trained in a first-class country house; passage paid out; 3 years' agreement. Apply, by letter only, "L.," 54 Queen Elizabeth Street, London, S.E.

MESSRS. BURROUGHS WELLCOME & CO. keep a register of applicants for positions in connection with their head establishment and works, and in connection with their colonial and foreign branches. Candidates for positions in the Offices, Works, Warehouses, etc., or on the Travelling Representative Staff at home and abroad, should always accompany their applications by full particulars of qualifications, experience, etc. As vacancies occur in Burroughs Wellcome & Co.'s rapidly-increasing business, this register is referred to and drawn upon. There are at present vacancies for applicants with Pharmaceutical training and a good knowledge of Spanish or French.

PHARMACIST, young English, possessing a fluent knowledge of the German language, required by a manufacturing firm to travel as their Representative on the continent of Europe; previous experience abroad desirable, but not essential. Apply, with the usual particulars, such as age, salary required, etc., to "Alpha" (42/55), Office of this Paper.

PILL ROOM.—Messrs. C. J. Hewlett & Son, Ltd., have a vacancy for an Assistant in their Pill and Tablet department; previous experience essential. Apply, in writing, stating salary required, etc., to Messrs. C. J. Hewlett & Son, Ltd., 35-42 Charlotte Street, Great Eastern Street, E.C.

REPRESENTATIVE wanted by a London Wholesale Drug house to visit the provinces, making calls on Doctors and Veterinary Surgeons; preference given to one with a connection. Apply, stating salary expected and previous experience, to "Provincial," c/o Street's, 30 Cornhill, E.C.

TRAVELLER for the Far East, about 35; a gentleman of good address and able to furnish undeniable evidence of successful and high-class work as a Representative in the Wholesale Drug-trade, extending over some years; none others entertained; excellent opening with progressive interest for a well-qualified man. Apply, 6/74, Office of this Paper.

WANTED, immediately, an Assistant with a good general knowledge of Chemistry and preferably some commercial experience in Chemical Apparatus. Apply, with full details, to "H. M. R." (44/59), Office of this Paper.

WANTED, by first-class Rubber Manufacturers, Travellers able to sell Indiarubber Goods for Chemists and Druggists' trade, Hot-water Bottles, Sponge-bags, Bathing-caps and Air-proof Goods on commission as a Side-line; state ground covered. Address, Box 5,542, Willings, 125 Strand.

WANTED, Technical Manager for English branch of first-class foreign company, wishing to manufacture in England article already successfully introduced; preferred gentleman in the Pharmaceutical line, prepared to invest £1,000 to £2,000 in sound undertaking of £50,000 capital. Apply, stating experience, salary required, and references, to "B. D." (44/22), Office of this Paper.

WAREHOUSEMAN wanted by a London firm of Wholesale Druggists; must be young, energetic, experienced, and possess good references. Reply, stating age, if married or single, salary required, and experience, to 44/13, Office of this Paper.

WET Counter hand, aged about 18, required by London house; must have trade experience. State particulars of previous situations, wages expected, and if disengaged, to 44/37, Office of this Paper.

SITUATIONS WANTED

(Colonial, Indian, and Foreign).

1s. for **12** words or less; **6d.** for every **10** words beyond, prepaid. Replies addressed to this office will be forwarded to the advertiser for an additional charge of **6d.**

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies or elsewhere abroad.

AS qualified Assistant or Manager in British Colony; aged 32; height 6 ft.; health first-class; excellent references; Optics and Sight-testing, Photography; 4 years' South African experience; energetic, honest, steady. Reply, "Vindex" (36/10), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid.

[HOME.]

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

RETAIL.

QUALIFIED; 40; Locum; 8 years with Corbyn Stacey. 39/26, Office of this Paper.

LADY Dispenser; qualified; Locum; dates open. "L.," 76 Bedford Road, Ilford, Essex.

QUALIFIED; 25; Manager or Locum; good experience. E. Siddall, High Street, Spilsby, Lincs.

LOCUM; Scotsman; qualified; 26; disengaged June 2nd; reliable. Walker, 12 Dyke Parade, Cork.

UNQUALIFIED; 36; Prescriber, Extractor; good references. Foster, 125 Catherine Street, Doncaster.

EVENING work required by Pharmacist; disengaged 5 P.M. daily. "K.," 402 Clapham Road, S.W.

LOCUM; Doctor's Dispensing; Whitsun week. State salary, etc., Cameron, 95 Cecil Road, Northampton.

LOCUM; lady Dispenser (Hall); disengaged till September; Doctor or Institution. 40/34, Office of this Paper.

ASSISTANT; outdoors; 32; unqualified; Retail or Store. "Liquorice" (40/36), Office of this Paper.

JUNIOR; 19; tall; South Coast experience; good appearance. "Veronal," 7 Lisburne Crescent, Torquay.

MANAGER; married, no family; qualified; abstainer. "Salol," 159 Stratford Road, Sparkbrook, Birmingham.

UNQUALIFIED; permanency required; married; outdoors. Heslop, 4 Victoria Terrace, Low Fell, Gateshead-on-Tyne.

LOCUM duty wanted by reliable man; good all-round experience; now booking dates. Apply, Melling, Pharmacist, Ashton, Newton-le-Willows.

MANAGEMENT required of small concern; view succession on easy terms; qualified; married. 179, Mary Street, Balsall Heath, Birmingham.

QUALIFIED Locum; reliable and competent; exceptional experience; highly recommended; abstainer. Jones, c/o Mr. A. Gall, Chemist, Woodbridge, Suffolk.

SEASON; Welsh Coast preferred, not essential; smart unqualified Junior; 23; excellent references; knowledge of Photography. "C.," 17 Forest Road, Tarporley, Cheshire.

PART-TIME or South Coast; Dispensing, Counter, Buying; 8 years' experience, 3 London; 25; tall; excellent references. Gillett, Summerfield, Moreton-in-Marsh, Glos.

QUALIFIED (27), single, desires engagement as Branch Manager; London or suburbs; Photography; energetic; abstainer. "P.," 124 High Street, Eltham.

BERTH in steady-going Country business by competent and reliable man with varied experience; excellent references; disengaged; permanency or temporary; middle-aged; married. "R.," 170 Queen's Road, Buckland, Portsmouth.

QUALIFIED, single man, with good varied experience, and not afraid of work or long hours, seeks permanency with view to interest in a brisk business; any large town; disengaged in June. "Genuine" (40/39), Office of this Paper.

ADVERTISER, smart, energetic, requires post, immediately, as Dispenser and Bookkeeper; last 6 years have been Dispenser and Bookkeeper to firm of 3 Surgeons; highest references; age 30; married. "Radix" (40/32), Office of this Paper.

LOCUM-TENENS; qualified; abstainer; experienced; Extractor, Photography, Retail, Dispensing, and Mixed businesses; excellent references; vacant 16th to 27th inst., after July 18. "M.P.S.," "Fillongley," Boldmere Road, Erdington, Birmingham.

MANAGER; qualified; active and experienced; abstainer. 43/22, Office of this Paper.

QUALIFIED; 25; good Dispensing experience; outdoors. 43/29, Office of this Paper.

LOCUM.—Chemist open for future dates. "B.," West End House, Stechford, Birmingham.

LOCUM or permanent; qualified; disengaged; abstainer. "Pharmacist," 10 Raby Street, Darlington.

ASSISTANT; 27; unqualified; excellent references. Innes, 10 Roseneath Road, Clapham Common.

REGISTERED Pharmaceutical Student; 17; knowledge of Dispensing. Bene, 42 Coborn Road, Bow.

JUNIOR; 19; first-class experience; outdoors preferred. Aplin, Ashmead, Willowfield Road, Eastbourne.

SINE Diploma; 39; Assistant; Locum; recently managing; Prescriber. "B.," Hill Farm, Appleford, Berks.

DISPENSER (lady) disengaged; qualified; Locum or permanent; good testimonials. 41/36, Office of this Paper.

SMART, active, reliable, unqualified; 47; Dispenser, Photographer, Extractor; disengaged. Powell, Littlestone, Kent.

JUNIOR (22) requires situation; North Wales preferred; good experience and references. 42/1, Office of this Paper.

ASSISTANT as Senior; West-end and Store experience; outdoors; or Dispenser. "H. G.," 6 Willow Avenue, Barnes, S.W.

MANAGER or Locum; exceptional experience, over 20 years; disengaged. "Mid-Lancashire" (43/23), Office of this Paper.

AS Assistant or Junior; unqualified; first-class Dispensing experience; outdoors; London. "J.," 35 Clancarty Road, Fulham, S.W.

ASSISTANT or Dispenser; disengaged; permanency desired; highest references; moderate salary. 42/39, Office of this Paper.

ASSISTANT; 15 years' experience, Dispensing, Photography, etc.; unqualified; references. "G. F. T.," Blencogo, Dinerth Road, Colwyn Bay.

ASSISTANT Manager; outdoors; London or near; experienced; age 49; salary £2 week (full-time). "Reliable" (43/33), Office of this Paper.

QUALIFIED; 10 years' all-round experience (good-class); well recommended; gentlemanly; abstainer. "Competent" (44/15), Office of this Paper.

UNQUALIFIED; 14 years' experience, Dispensing and Store; highest references; permanency. "Civility and Courtesy," 104 Grove Vale, East Dulwich.

LOCUM or Part-time; qualified; active, obliging; abstainer; Fridays and Saturdays whole days and any morning free. "Borax," 535 Holloway Road, N.

PART-TIME required in London by Pharmacy student; experienced; good references; accustomed to modern trading. "Salol," 5 Cerise Road, Rye Lane, S.E.

ASSISTANT or Assistant Manager; qualified; middle-aged; London; outdoors; hours not too long; salary moderate; disengaged 19th. "G.," 101 Westbury Road, Ilford.

QUALIFIED Senior or Manager; married; 33; disengaged; experienced in high-class Dispensing and brisk Retail; highest references. "Chemist," 2 Grove Road, New Southgate, N.

DISENGAGED; unqualified; 30; experienced; sober, energetic; Dispensing, Photography, Counter; season or otherwise; outdoors; sound references. Stansfield, Laurel Grove, Southport.

UNQUALIFIED (23) seeks berth in good Dispensing business; 5 years' experience; reliable and competent; knowledge Photography, Prescribing; well recommended; good appearance. "H. B.," 48 St. Margaret's Grove, Twickenham, S.W.

LOCUM or Junior; 5½ years' first-class experience. "Dispensor," 17 Boscombe Road, Folkestone.

UNQUALIFIED; 31; disengaged; first-class experience. West, Sherwood House, Ulceby, Lincs.

LOCUM; qualified; disengaged; open for future dates. Whitehouse, 2 Gill Street, Nottingham.

PORTER; accustomed to a Chemist's business. "H. E.," 82 Ifield Road, South Kensington.

DISENGAGED; unqualified; several years' experience. R. M. Lelean, 11 Princess Road, Leicester.

A QUALIFIED lady Dispenser desires re-engagement. Address, Miss Daniel, 128 Green Lane, Derby.

JUNIOR; 21; 5½ years' good-class Dispensing business. Rowe, c/o Vince & Co., Cheapside, Lancaster.

LOCUM; qualified; excellent references; disengaged. "Caius," 21A Castletown Road, West Kensington.

LOCUM; first class; qualified; wide experience; country preferred. "W.," 2 Ladbroke Crescent, W.

AS Assistant; unqualified; Mixed trade, Prescribing, Extractions, etc. "Beta," 2 Hallfield Road, Bradford.

DISPENSING or General Assistant; Hospital and Store experience. Gibson, 198 Scott Ellis Gardens, N.W.

QUALIFIED; 24; excellent Dispensing experience; Photography. "Pharmacist," 31 Atherfold Road, Clapham, S.W.

DISPENSER to Doctor; disengaged morning and afternoon; excellent references. Stovell, 4 Handforth Road, S.W.

WANTED, evening work by lady Dispenser; S.W.; excellent testimonials. Apply, "X." (45/7), Office of this Paper.

MANAGER, Dispenser, or Locum; Pharmaceutical Chemist; excellent experience and references. 45/5, Office of this Paper.

ASSISTANT; 25; 10 years' experience, good-class Retail and Dispensing, London and provincial. Lockhart, 58 Moscow Road, Bayswater.

ASSISTANT; 5 ft. 10 in.; 28; West-end and suburban experience; Photography, Dispensing; outdoors. "S.," 68 Dagnan Road, Balham, S.W.

ASSISTANT; married, no family; Store or General Retail; 9 years last situation; unqualified. "T.," 66 Burgoyne Road, Harringay, N.

SUMMER engagement wanted; seaside preferred; qualified; good London and Continental experience. "Savoy" (26/7), Office of this Paper.

MANAGER or Locum; qualified; age 42; active; town, country, and suburban experience. "Chemist," 21 Endsleigh Road, Southall, W.

QUALIFIED; middle-aged; well recommended; accept 25*s.* weekly with unfurnished house; Manage small business. 45/3, Office of this Paper.

DISENGAGED; thoroughly reliable and well recommended; Locum; abstainer; permanency entertained. "W. E.," 156 Tollington Park, N.

LOCUM; qualified; 6 years' experience and references all branches; disengaged 20th. T. H. Buswell, Pharmacie Grosgurin, Beaulieu-sur-Mer, France.

UNQUALIFIED; disengaged in June; Locum (indoors), permanent (outdoors); 34; tall; 10 years last situation; Photography. Howes, Kingsholm, Gloucester.

ASSISTANT; 10 years' high-class Dispensing experience; Photography and Bookkeeping; good references; disengaged. Tavener, Homeleigh, Essex Road, Stevenage.

MANAGER or Locum; widower; aged 49; high-class home and foreign experience; excellent references; disengaged May 15. Cave, 41 St. Alban's Road, Redland, Bristol.

DISENGAGED; Part-time or Locum; by hour, day, week, month; thoroughly competent; reliable, temperate; terms reasonable; town, country. "Aspinine," 4 Cuthill Road, Camberwell.

LOCUM TENENS-SHIP by qualified man, in Liverpool or Isle of Man; 20 years' Medical experience; none but first-class Chemists with good Prescribing businesses need reply. "G. J.," 45 Orren Lane, Aintree, Liverpool.

LOCUM or permanency; disengaged June 28; Apothecaries' Hall qualification; 10½ years' experience, mostly Cash Store trade; capable and reliable Dispenser; age 26; height 5 ft. 9 in.; excellent references. "H. R.," 16 Alexandria Road, Dorchester.

WHOLESALE.

SITUATION required; 10 years' all-round experience; aged 30. 44/8, Office of this Paper.

MANUFACTURING Perfumer desires position with good firm. 42/32, Office of this Paper.

PATENT-MEDICINE Manufacturer, established 25 years, desires Side-line. "Quack," Conisborough.

AS Clerk; young man requires situation; good experience; excellent references. 42/28, Office of this Paper.

WAREHOUSE Manager, Drugs, Patents, Packed Goods, open for engagement. 41/24, Office of this Paper.

ENERGY, ability, and good appearance at disposal of firm requiring Representative. 44/301, Office of this Paper.

TRAVELLER, sound connection, wants Side-line with part expenses; South Wales, West England. Fernlea, Pontnewydd, Mon.

AS Controller, Warehouseman, any position of trust; 9 years' experience; excellent references. "London" (41/21), Office of this Paper.

YOUNG gentleman (18) desires berth in Laboratory; 3 years' experience in Retail Dispensing. "Student," 7 Graham Road, Chiswick, W.

GOOD Agency required for Lanes, Yorks, and Ireland; many years' connection amongst Chemists. "Rexo," 38 Etruria Street, Manchester.

YOUTH (19) seeks situation; Wet or Dry Counter hand; 5 years' General experience; good reference; disengaged. "C. B.," 31 Inville Road, Walworth.

GENTLEMAN (young), unqualified, Wholesale and Retail experience, seeks post as Traveller calling on Doctors and Chemists. 44/40, Office of this Paper.

23, good appearance, well spoken, 8 years' Retail experience, desires post in Wholesale house, with view to Representing. "Business," 88 Makin Street, Walton, Liverpool.

WELL-EDUCATED youth requires situation in Wholesale Laboratory; 4 years' Dispensing and Retail experience; highest references. "Progress" (42/12), Office of this Paper.

TRAVELLER in Medicinal Capsules and Sundries desires additional Representation; West of England and South Wales; Drugs, Pills, Perfume, Soap, or Medicated Lozenges. 42/25, Office of this Paper.

GENTLEMAN (38), with sound connection, at present representing an old-established firm, is open to re-engagements, or would take on another house on part-expenses basis. Fentiman, 4 Markham Square, S.W.

CHEMIST, with London experience, desires engagement in Wholesale Druggists' Laboratory; thoroughly experienced in Drug Standardising and Manufacturing, with practical knowledge of the trade. 45/30, Office of this Paper.

TRAVELLER, with good connection amongst the Medical profession and the trade, seeks re-engagement; ground covered West of England, South Coast, Eastern Counties, and Home Counties. 45/26, Office of this Paper.

TRAVELLER, experienced, with good connection amongst Chemists in West of England, North and South Wales, Eastern Counties, North of England, and Scotland, desires to represent a first-class house; Drugs, Sundries, Perfumery, Soaps, Plasters, or Medical Printing; highest references. "C. H. P.," 142 Amesbury Avenue, Streatham Hill, S.W.

MISCELLANEOUS.

MCADAM & TUCKNISS, Sharedealers, 30 Tranquil Vale, Blackheath, S.E. Telephone 81 Lee Green.

SHARES FOR SALE (free of commission, subject).—25 Claudius Ash Prefs., 23*s.* 3*d.*; 10 Apollinaris 78*s.* 9*d.*, 10 Prefs. £6 6*s.* 3*d.*; 100 Alby Carbide Ordinary, 18*s.* 9*d.*; 10 Benger's Ordinary 27*s.* 3*d.* x.d., 15 Prefs. £6 4*s.* *c.d.*; 50 Evans Lescher Prefs., 20*s.* 1½*d.*; 100 Sanitas Ordinary, 20*s.* 9*d.*; 75 Venos Drug Ordinary, bid wanted.

WANTED (subject).—200 Camwal Prefs. 6*s.* 4½*d.*, 5 Debentures £33 17*s.* 6*d.*; 25 Evans Lescher Prefs., £5 0*s.* 6*d.*

List of shares for sale and wanted sent free on application. Bankers, London and County. Established 1898.

BARGAINS IN SECOND-HAND FITTINGS.—1 3-ft. bent-glass front showcase, 40*s.*; 1 6-ft. dispensing-screen and counter, £5 10*s.*; 12-ft. range of drug-drawers, gold labelled and glass knobs, £6; 12-ft. range mahogany with glass labels and knobs, £8 5*s.*; one set of three plate-glass shelves, 6 ft. long, 15, 12, and 9 in. wide, bars and brackets, 63*s.*; one set of ditto, 5 ft. long, 55*s.*; one set of ditto, 4 ft. long, 42*s.*; one set, 3 ft. long, 30*s.*; 6-ft. mirror-centre dispensing-screen, 90*s.*; 12 2-lb. dome-top pink jars, gold labelled, 28*s.*; 120 recess label rounds, £8 10*s.* R. Tomlinson & Sons, Bond Street, Constitution Hill, Birmingham.

CHEMISTS' SHOP-FITTINGS (SECOND-HAND).—Ranges mahogany drawers, with bevelled-edge glass labels and cut-glass knobs, shelving above, lockers below; mahogany dispensing-screens, counters with glass-case fronts, wall-cases, bent-front and flat-top counter-cases, counter-desks, tooth-brush cases, complete shop-rounds, etc.; every requisite for chemists; extensive stock to select from at extremely low prices; practical men sent to all parts; illustrated catalogues and estimates free. MATTHEWS, CHEMISTS' FITTER, 14 and 16 MANCHESTER STREET, LIVERPOOL.

WE HAVE WHAT YOU REQUIRE, Drug Fittings, Counters, Wall-cases, Dispensing-screens, Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. RUDDUCK & CO., 262 OLD STREET, E.C.

COMPLETE FITTINGS for SHOP (in excellent condition, as good as new).—12-ft. drug-fitting, drawers, lockers, shelving, and cornice; 6-ft. wallcase in two heights; 6-ft. screen, mirror centre, cases on each side, counter under; 8-ft. serving-counter; perfume case and desk; counter case; £32 10*s.* complete. PHILIP JOSEPHS & SONS, 93 Old Street, London, E.C.

TO Apprentices, Juniors, etc.—Mr. Charles Harker's simple and rapid system of Postal Instruction for all preliminaries is the least expensive and most thorough; numerous successes in 4 and 6 months; special attention given to gentlemen of neglected education; undivided attention; an ideal training for private or country students; very moderate terms. Charles Harker, 239 Chapter Road, Cricklewood, London, N.W.

POISONS AND PHARMACY ACT, 1908.

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EVANS, GADD & CO., LTD.,
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MANUFACTURE OF YEAST AND VINEGAR.

Information wanted by a Colonial firm from makers of plants for the production of Compressed Yeast and Vinegar on a modern scale.

Also practical man experienced in the manufacture of these lines.

Catalogues, prices, and all particulars to 5/25, Office of this paper.

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BOOKS AND PERIODICALS.

15 YEARS of "The Chemist and Druggist"; unbound; what offers? CONLEY, Auchtermuchty.

NEW Ganot's "Physics," sixteenth edition; "Pharmacopœia '98, good condition; what offers "G.," 192 Fulham Road, S.W.

DENTAL.

SECOND-HAND dental-chair for sale; £3; good condition; can be seen. TEMPLE, 4 Park View, Green Lanes, Hornsey.

DENTAL-CHAIR for sale; upholstered in crimson plush; practically all desired movements, including rising seat; cost £14 last year; accept £8 or nearest offer. Apply, KNOWLES, Dentist, Derby.

DRUGS AND CHEMICALS.

GLYCERIN (B.P.); ½-cwt. original tin; best cash offers. CHALLIS, Southall, W.

FORMULÆ.

BOOT-POLISH formulas for sale. FRANCE, 42 Vartry Road, London, N.

INFALLIBLE animal "scour cure"; full instructions; satisfaction sure; 5*s.* DODDS, Crumlin, Antrim.

OPTICAL AND PHOTOGRAPHIC.

3½ TANK developing-machine, 10*s.* 6*d.*; Brownie do., 5*s.* 6*d.* carriage paid; approval, deposit. COUSINS, Buckfastleigh.

LAURENCE'S spectacles; cost about £9; cash £7 10*s.* or nearest offer. Particulars, FISHBURNE, 67 Redgrave Street, Oldham.

SHARES.

SHARES for Sale. See above.

SHOP FITTINGS.

DOORWAY show-case for sale; cheap. CROUCH, 34 Barbican, E.C.

DISPENSING-SCREEN for sale cheap. Full particulars, BARTLETT, 165 Nelson Road, Hornsey, N.

SODA-FOUNTAIN; practically new and in perfect condition; cost £35 10*s.* two years ago; price £15 net, or £5 and balance in 10 monthly instalments of £1 1*s.* "ALPHA" (44/82), Office of this Paper.

MISCELLANEOUS.

THREE air-beds and 12 air-cushions, cheap; best offer accepted. WILSON, Chemist, Balham.

WHAT offers?—4 oz. urea, 3 oz. exalgine, 1½ oz. chloralamid, 1 7*s.* Fellows' syrup hypophosphites, 5 1-oz. Helmitol; excellent condition. 39/23, Office of this Paper.

WOOD letters—12-in. half-round gilt "Drug Stores"; 9-in. flat gilt "Dispensing Chemist" and "G. F. Barratt"; 7-in. flat gilt "Cash Chemist"; good condition; what offers? CHALLIS, Chemist, Southall.

WANTED.

PAIR upright-dispensing-scales. WILSON, Chemist, Balham.

PESSARY-MOULD (2 drm.); in good condition. "C.," 477 Romford Road, E.

SECONDHAND dental-chair, show-case, instruments, etc. WYATT, Chemist, Mortlake.

SEVEN 2-gal. carboys; lowest price. HARTLEY, 5 Mayfields, Westminster Road, Liverpool.

"P. J. F."; latest edition wanted; quote lowest price. MARTYN'S STORES, LTD., Wolverhampton.

IMMEDIATELY, small oak check-till, suitable for Pharmacy; secondhand preferable. 44/11, Office of this Paper.

MINOR, Major, Chemists' books.—Send prepaid for valuation; cash offers per return. GOWER, Bookseller, Waterloo, Liverpool.

BRITISH-MADE tablet-machines. Send particulars and prices to Laboratorio de la Drogueria del DR. JOHNSON, Havana, Cuba.

"GENERAL and Practical Optics," by L. Laurence; "Key to Sight-testing," by Machinney & Taylor. "G. B." (42/34), Office of this Paper.

DENTAL instruments; wanted complete set in good condition; second-hand. Apply, stating lowest price and full particulars, "DON" (41/27), Office of this Paper.

SECOND-HAND dental chair, engine, lathe, and surgery and workroom sundries; also odd teeth. Write, stating full particulars and lowest prices, "W. E.," 30 Finsbury Pavement, E.C.

Association Affairs.

Brief Records.

Guildford Pharmacists' Association.—A meeting was held at the Angel Hotel on May 5, Mr. J. B. Wilson (Dorking) in the chair. The Secretary was directed to write to the Pharmaceutical Society and the Chemists' Defence Association regarding the increase in the duty on spirit. The President was appointed a delegate to the British Pharmaceutical Conference in July. Two new members were elected.

Ashton-under-Lyne Chemists' Association.—A meeting of this Association was held on May 6 at the George and Dragon Hotel, Mr. Jas. Avison presiding. The chief subject for discussion was the Budget additional tax on alcohol. It was decided to raise the price of 90-per-cent. tinctures, etc., 1*d.* per oz., and others of weaker strength tinctures ½*d.* per oz. Another item dealt with was the fixing of minimum retail prices for scheduled poisons.

Great Yarmouth.—A meeting of the Local Pharmaceutical Association was held at 156 King Street on May 6, Mr. J. S. Shearman (President) in the chair. Messrs. Male, Palmer, Williams, W. G. Poll, Goddard, Woodcock, Davies, and Richmond were also present. It was decided (1) to support Mr. Neathercoat at the Pharmaceutical Council election, (2) to raise the price of tinctures, etc., owing to the rise in duty, and (3) to have an excursion to Cambridge on June 24. The spoon for shooting offered by the Association in April was won by Mr. A. E. Richmond.

Drug Trade Appeal Fund.—The trustees in their report for the year 1908-9 state that they have not been called upon to expend any portion of the fund during the last financial year, so the amount of cash at the bank, etc., to the credit of the Fund consequently stands 9*l.* 15*s.* 4*d.* higher than in May 1908. The trustees regret having to report the death of one of their number, Mr. W. H. Fassett. The income was 15*l.* 12*s.* 4*d.* from 657*l.* 9*s.* 7*d.* of Consols, and the expenditure, stamps 7*s.*, Secretary's honorarium 5*l.* 5*s.*, and hire of room 5*l.* The funds amount to 716*l.* 17*s.* 1*d.* The report is signed by Messrs. Charles Umney (Chairman), Walter Hills (Treasurer), and W. Johnston (Secretary).

Stockport.—A meeting of the Stockport and District Pharmacists' Association was held at the County Restaurant, Stockport, on May 5. There were present Mr. W. P. Orrell (in the chair) and Messrs. T. L. Bennett, Bowden, V. Burns, Dodge, Hill, Reach, Royse, C. C. Smith, Travis, Westerman, and Watson (Secretary). Messrs. Arnfield, Bennett, and Orrell were asked to represent the Association at the B.P.C. meeting in Newcastle-on-Tyne. The increased spirit-duty was discussed and the matter referred to the committee, who were given power to make recommendations as to price, etc., after the Budget finally is passed. A paper on book-keeping for pharmacists was read by Mr. F. Meggeson, C.A., which was highly appreciated. The next meeting will be held on October 6.

C.A.A.—The annual general meeting of the Chemists' Assistants' Association was held at 73 Newman Street, London, W., on May 6, Mr. R. H. Brittain (President) in the chair. The Council's report and the balance-sheet were satisfactory. Thirty new members were elected during the year, but secessions numbered twenty-eight. The credit balance, after the year's work, was 3*l.* 17*s.* 5*d.*, bringing the bank balance up to 54*l.* 7*s.* 5*d.* The President delivered a valedictory address while the scrutineers were examining the voting-papers. He first paid a tribute to the Hon. Secretary, Mr. F. L. K. Loxley, who had undertaken the secretarial work single-handed, and also to Messrs. Arrowsmith, Grange, and Wilkinson, who had been responsible for successful social functions. He wished the rank-and-file of the Association would do more, and he wanted them to become ardent propagandists for the Association. The scrutineers' report gave the names of the new councillors as follows (in order of voting): F. L. K. Loxley, A. Latreille, L. Gwatkin, A. R. Arrowsmith, H. Grange, E. Thompson, F. W. Crossley Holland, S. Furnival, F. E. Barbour, J. Hutcheon, A. J. Morrison, A. S. Peake, and G. Tocher. A cordial vote of thanks to Mr. Brittain was moved by Mr. Latreille and carried with acclamation.

Nottingham Pharmaceutical Association.—The annual meeting of this Association was held at Calvert's Café, Long Row, on May 12, Alderman Richard FitzHugh, J.P. (President), in the chair. There were also present Messrs. A. Middleton, F. R. Sergeant, C. A. Bolton, A. Eberlin, T. Freeman, C. F. Carr, D. Ellis, T. Wilson, W. Meakin, A. E. Beilby, J. Smith, S. H. Plattin, William S. Adamson, H. P. Middleton, W. H. French, H. Smith, A. A. Ringer, Frost, Wood, Dales, H. Brown, T. J. Williamson, and W. Gill and H. H. Turton (Secretaries). The Secretary read the annual report, which was adopted. Immediately afterwards a presentation was made to Mr. W. Gill, in acknowledgment of his sixteen years' work as Secretary. Mr. Gill suitably acknowledged the gift. Mr. A. Middleton next presented the Treasurer's report, which showed a balance in hand of 10*l.* 15*s.* 3*d.* Mr. Eberlin and Mr. Adamson were appointed as delegates to the British Pharmaceutical Conference in July. It was decided to support the movement to secure a Parliamentary candidature for Mr. Glyn-Jones, and to forward a contribution of 5*l.* to the fund necessary for that purpose. The ballotting for the election of officers resulted as follows: Alderman FitzHugh, President; Mr. W. Gill, Vice-President; Council, Messrs. Beilby, Carr, Ellis, Eberlin, Meakin, Plattin, Sergeant, and Wilson. Mr. T. Freeman, Hon. Secretary; Mr. A. Middleton, Treasurer.

National Union of Assistant Pharmacists.—A meeting of the Birmingham Branch was held at the Cobden Hotel on May 6, at 9 P.M. Mr. Wilson was voted to the chair. It was decided to postpone the election of officers for a fortnight, except the Hon. Secretary, and Mr. F. Bentley was appointed. It was decided to deal with the questions arising out of the Executive minutes by resolution, as an expression of the opinion of the branch. It was resolved: "That this meeting, while in full sympathy with unqualified men and their aspirations cannot recommend their inclusion in the N.U.A.P. at this stage." Further, "That this meeting affirms the principle of the minimum wage as a necessary, even though ultimate, object of the Union." Further, "That the resolution on the Shop Hours Bill as passed by the Executive be sent in the name of the Birmingham Branch to the Prime Minister, the Home Secretary and Under-Secretary, the Leader of the Opposition, and the Chairman of the Labour party." The next meeting is on Wednesday, May 19, at 8.30 P.M.—A meeting of the London Branch was held at the London College of Pharmacy, 325 Clapham Road, S.W., on Monday, May 10, at 8.15 P.M., Mr. C. Terry Holloway in the chair. A resolution drafted by the Central Executive Committee in regard to the Shop Hours Bill (see above) was submitted and adopted. The following officers were appointed: President, Mr. C. Terry Holloway (Kensington); Vice-President, Mr. G. A. H. Shelley (Clapham); Treasurer, Mr. C. B. Harrison (Ealing). Mr. E. M. Forster was appointed on the committee. Votes of thanks concluded the proceedings.

West Ham.—A meeting of the West Ham and District Association of Pharmacists was held at Earlham Hall, Forest Gate, on Thursday afternoon, May 6, Mr. H. Soper presiding. There were also present Messrs. Blades, Catto, Cleland, Cocker, Eastman, Johnson, Lord, Mitchell, Neale, and Evans (Hon. Secretary). The correspondence submitted included a letter asking support of the members for Mr. E. T. Neathercoat, a letter from the B.P.C. *re* the Newcastle meeting, and correspondence with Messrs. Ashton & Parsons, Ltd., who stated that homœopathic tinctures containing aconite, arsenicum, ignatia, and nux vomica should be treated as Part I. poisons; but they were of opinion that pilules of these drugs do not come under the same category. The discussion on the Poisons and Pharmacy Act was resumed by Mr. Blades and continued by the President and Messrs. Cleland, Mitchell, Neale, and Evans. The meeting then carried a motion, submitted by Mr. Catto and seconded by Mr. Mitchell, regretting that local authorities are granting indiscriminately to seedsmen and others licences under Section 2 of the 1908 Act, and requesting the Home Secretary to take such measures that licences shall be granted only in those districts where the requirements of the public are not already satisfied. On the motion of Mr. Blades, seconded by Mr. Neale, satisfaction was expressed with the sentiments of Mr. Jesse Boot in the foreword to a book on the Pharmacy Acts, quoted in the *C. & D.*, May 1, p. 680. The resolution pledged the Association to do "what may seem expedient to recognise and promote the mutual interests of the several parties." It was also resolved to address the Chancellor of the Exchequer on the increased spirit-duty, calling for a rebate on spirits used for medicinal preparations.

Leicester and Leicestershire Chemists' Association.

THE annual meeting was held at the Turkey Café, Leicester, on Tuesday, May 4, Mr. S. F. Burford, F.C.S. (President), in the chair. Messrs. A. D. Hearnshaw (Vice-President), Trennant, Wilby, Ward, Lewis, Thirlby, Ough, Hind, Clear, Fry, Aldwinckle, Cross, Blockley, Foreman, Barker, Rowe, Johnson, Haslett, Furnival, E. H. Butler, and Avery and Marfitt (Hon. Secretaries) were also present.

The report of the Secretaries detailed the work of the year (which has been reported in the *C. & D.* from time to time). Mr. E. B. Ward (Hon. Treasurer) reported on the finances. There was a deficit on the year, but a small balance in hand. The reports were criticised and passed.

ELECTION OF OFFICERS.—The following appointments were made: President, Mr. S. F. Burford; Vice-President,

Mr. A. D. Hearnshaw; Hon. Secretary, Mr. George E. Marfitt; Assistant Hon. Secretary, Mr. C. Johnson Avery; Hon. Treasurer, Mr. E. B. Ward; Auditor, Mr. H. W. Clear; Committee, Messrs. Clear, Fry, Hind, Lewis, Ough, Thirlby, and A. E. Young.

A change of the title to the Leicestershire Pharmacists' Association, proposed by Mr. Avery and seconded by Mr. Thirlby, was then discussed. Mr. Young moved an amendment that it should be "Leicester Pharmacy Association," but a second amendment that the matter be deferred to a more opportune time was eventually carried, so that the title remains as before.

A PHARMACY COURSE.—Mr. Marfitt, having explained what had been done with regard to Section 2 licences, submitted particulars of negotiations with the Technical Schools Committee in reference to the proposed new classes. It was suggested that a full two years' course of instruction in pharmacy, materia medica, physics, chemistry (theoretical and practical), and botany, according to the requirements of the Minor examination, should be established, Mr. Burford taking charge of the course. Mr. Marfitt also stated that he is inquiring about a good man as a coach for the Preliminary examination.

OTHER BUSINESS.—Mr. Burford proposed, Mr. Wilby seconded, and it was agreed that a letter of sympathy be sent to Mr. J. A. Butler, a former President, on the loss of his wife. The increased spirit-duty was discussed, several members pointing out various ways in which pharmacists will suffer, but no definite resolution was arrived at as to what action should be taken.

British Union of Pharmacists.

AT the Royal Horticultural Hall, Westminster, London, on Tuesday evening, May 11, at eight o'clock, about two dozen chemists assembled in the Council Chamber to hear an address by Mr. Morton Parry, of Liverpool, on his proposal that an association should be founded to comprise the whole of the registered chemists of Great Britain. Mr. William Reid, of Aberdeen, was voted to the chair and briefly introduced Mr. Parry, who at once proceeded in a masterly speech to advance his reasons for the creation of a union of chemists to deal with trade matters. He referred generally to the present condition of the retail drug-trade, which he considered to be lamentable in nearly every respect. He expressed the belief that, provided all registered pharmacists agree to better themselves, nobody can stop them in their efforts to do so. He then reviewed the organisations at present existing in pharmacy, dealing first with the Pharmaceutical Society, which he thought could do more for the trade if there were better business men on the Council, and he created a laugh by stating that he knew of no other society "capable of doing so little work with so much money." Dealing next with the Glyn-Jones group of associations, he said that Mr. Glyn-Jones is losing touch with the everyday chemist, and the further honours that await him are all outside pharmacy. He added that the P.A.T.A. has done a great deal for quackery. The Pharmaceutical Defence Union was next mentioned, Mr. Parry saying that it had started wrong and had failure written all over it, while the National Union of Assistant Pharmacists, in so far as it is partial, will not succeed, but he commended the aspirations of the founders. The Federation of Local Associations was finally referred to, and, after speaking of the recent upheaval in Liverpool, Mr. Parry said that if a new Union were formed it should include all these groups of associations, other than the Pharmaceutical Society, as sections. He spoke optimistically of what might be accomplished, and concluded by moving:

> That this meeting of pharmacists, realising the need of better and more effective organisation with a view to reforming and improving the condition of the business of pharmacy, agrees that the best means of attaining that end is the immediate formation of a British Union of Pharmacists, consisting entirely of registered pharmacists, and that a provisional committee be appointed to detail the objects and scope of the Union, to draft rules and regulations, and to consider ways and means of furthering these objects. Also that the committee have power to add to their number.

This motion was seconded by Mr. Harold Miller, of Cheltenham, who, in the course of his speech, referred to the resolution of the Nottingham chemists thirty years ago to stick to their prices for at least a year. This was when Mr. Jesse Boots' mother began to sell Kay's Essence at 10½*d*. Mr. Miller argued that if the Nottingham chemists had looked further ahead, the great "Boots" organisations might not have been as they are. He further stated that the Pharmaceutical Society does not exercise as it should its powers under the 1868 Act, and gave instances from personal experience of daily sales of poisons without qualified supervision in grocers' and other shops. Mr. Walton, of Hull, supported the motion, and specially emphasised the fact that at present there is no national organisation of chemists to take up such a question as the increased spirit-duty. He spoke also of the "Joint Proprietaries" scheme. Mr. Bolshaw opposed the suggested Union, because it would be ineffective unless an overwhelming majority of the trade joined it, and he did not see how that majority could be secured, as more than half of the trade did not support the P.A.T.A. with their 5*s*. a year, although it brings almost as much to them every week with the increased profits on patents. He supported, nevertheless, Mr. Miller's remarks in regard to the Pharmaceutical Society not enforcing the provisions of the 1868 Act, and stated that in Birmingham there are whole lots of company shops in which there is not a single certificate of qualification exhibited, and added that poisons are being sold every day by unqualified persons in chemists' shops as well. Mr. W. S. Glass could not understand what Mr. Parry was aiming at, and explained that the Pharmaceutical Society does not prosecute more owing to lack of funds. Mr. Goldthorpe considered the paper interesting and inspiring, and proceeded to suggest that the Pharmaceutical Defence Union is doing exactly what Mr. Parry wants. After remarks from Mr. Selle, Mr. Coverdale, and others, Mr. Neathercoat took up Mr. Goldthorpe's point, and the discussion from this stage became an explanation of the objects and work of the Pharmaceutical Defence Union. Mr. Woolcock, at the request of Mr. Miller, explained at length what the Union is formed to do and what it has done. This he did so cleverly that he secured the sympathy of the majority of the audience, and at one stage Mr. Miller intimated that he did not see the need for going on with Mr. Parry's motion, while Mr. Stevenson suggested that Mr. Parry should throw in his lot with the P.D.U. The Chairman, before calling upon Mr. Parry to reply, said that they were all trying to do work that the Pharmaceutical Society should have done if it acted up to its Charter purpose, "for the protection of those who carry on the business of chemists and druggists." Mr. Parry, in his reply, said that he could not understand the P.D.U. scheme because it is so complicated, and that is the feeling of the ordinary chemist, who also objected to it because it is a limited company. Moreover, a London organisation was objected to, as "London has never done anything for pharmacy." He was quite willing to work with Mr. Woolcock, and asked how many members the P.D.U. has. Mr. Woolcock could not or would not say, even when Mr. Parry mentioned 5,000, then 1,000, and finally 500, as approximate figures. The motion was then put, and the Chairman, having found that seven only out of two dozen gentlemen present were in favour, said that he could not declare it to be a unanimous vote and it accordingly fell to the ground. Thereafter there was conversation among the parties, and it was agreed that Mr. Parry, Mr. Miller, Mr. Coverdale, Mr. Walton, and others should attend the meeting of the P.D.U. on Wednesday evening.

Joint Proprietaries.

A MEETING was convened for 2 P.M. at the Horticultural Hall, Westminster, S.W., on May 11, by Mr. R. Congdon, but our reporter had to wait about the hall an hour or two before the constituent atoms coalesced. Then there were present Messrs. A. E. Bolshaw (Hastings); L. Sherwood Selle (Hull); L. Moreton Parry (Liverpool); J. C. Pentney (London); Charles H. Griffiths, W. T. Green, William S. Glass (Edinburgh); W. F. Beeny (London); George Coverdale (York); Harold Miller (Cheltenham); J. H. Hart (Glasgow); and Wellesley Douglas (London). Mr. Coverdale was voted to the chair, and in introducing the subject remarked that of late years pharmacists had become more like machines in the conduct of their business than

professional men. It was hoped that by the operations of the Association their status would be considerably improved, and their business raised to the dignity which it ought to hold. Mr. Congdon then explained how he intervened in the *C. & D.* correspondence on the subject, and issued circulars to 400 chemists outlining a scheme. He received replies from about thirty pharmacists, and formed the British Pharmacists' Association. Similar associations had been formed in Liverpool and Glasgow. One of the essentials of his movement is that depôts should be formed in all the large centres with more than one factory.

Messrs. Miller, Glass, Beeny, Douglas, Pentney, and others spoke, and ultimately the meeting was adjourned until the following afternoon, in order that a joint conference should be arranged with representatives from Manchester, Glasgow, and northern counties. Mr. Miller, as representing the promoters of the Manchester Joint Proprietary Scheme, expressed their willingness to consider any proposal for amalgamation.

The meeting on May 12 was also slow in formation. Sixteen pharmacists were present, and at about half-an-hour after the advertised time for beginning, Mr. W. S. Glass was voted to the chair. He explained that he had for some years advocated a scheme on somewhat similar lines to those which the meeting was about to discuss. The time has arrived when it is necessary for individual pharmacists to defend themselves against the encroachments of grocers, co-operative stores, and patent-medicine quacks. The scheme proposed would bring more profit to the trade, and there would be no risks or losses, and very few bad debts. The interests of the public would also be safeguarded, as the products to be sold would be of a reliable nature. The scheme will enable the smallest pharmacist to compete with the largest company in a perfectly legitimate manner. To put up a proprietary medicine requires special bottles, labels, cartons, and show-cards, which means a very considerable expense. By combination, all this expense, time, and labour are shared. The scheme would be of great advantage to country chemists, as the company would be able to put up such articles as weed-killers at the cheapest possible rate. The scope of the scheme is unlimited and so comprehensive that it is not possible to forecast the ultimate development.

Mr. C. C. H. Cadge surveyed the reasons for the present low ebb of the trade, and, after speaking of the petty jealousies among chemists which have led to much unnecessary cutting, he summed up the causes as being due to the competition of (1) advertised proprietary nostrums, (2) joint-stock companies, (3) co-operative societies, and (4) grocers. He spoke on each of these topics, saying that to meet these forms of competition "own-name" proprietaries are of no avail, as customers must be able to get a particular proprietary medicine in any town to which they remove. He outlined the scheme, which involved the establishment of a joint-stock company. It is proposed to issue 5*l.* founders' shares during the first six months, these to bear 5 per cent. interest and an additional 5 per cent. interest out of a portion of the profits which would be set aside for this object. These shares would also participate in the bonus distributions. The qualification for a director would be twenty-five shares at least. In connection with the scheme territorial representation is essential. There would be local committees each of whom would send a representative to the central board. Sectional depôts would be established by the committees. "Raise up the flag for pharmacy" was the concluding sentence of Mr. Cadge's speech.

Mr. H. Miller said that the proprietaries issued by the suggested company would be articles that pharmacists could stand behind and not feel ashamed of. Various titles for the scheme had been proposed. It was thought that "British Pharmacists' Association" would be excellent; but it was suggested that the Pharmaceutical Society might take exception to it under the new Act. In view of this, "United Chemists' Association, Ltd.," had been strongly recommended as the title of the organisation, as the initial letter of each word forming it would supply them with a trade name—"UKAL." It was not intended that any of the goods should be handled by traders other than pharmacists, and those who were not members would be charged a higher price for them.

Mr. Pentney said he would join the Association if the members were men of stability and there was a depôt in London.

Mr. Beeny and Mr. Walton (Hull) continued the discussion, which throughout was of a conversational character, and ranged over a great variety of possibilities that the speakers thought were open to the proposed Association. It was brought to a point by Mr. Pentney, who moved:

> That an Association be formed to be called the United Chemists' Association, Ltd.

In doing so he expressed confidence that retail chemists, if they chose, could turn the tables on American manufacturers of proprietaries by selling their products at the same price and at the same profit. "Baste them with their own gravy" was what Mr. Pentney proposed the Association should do to certain great firms.

Mr. Moreton Parry seconded the motion, which was unanimously adopted.

The following gentlemen were then added to the Committee: Mr. Curtis, Stroud Green, Mr. Pentney, Mr. Durban, Mr. Beeny, Mr. Eaton (Dulwich), and Mr. Bayes (Bletchley).

The question of headquarters was, after some conversation, left to the committee.

It was resolved to limit the issue of the shares to qualified pharmacists in business on their own account or holding controlling interest in private companies.

Mr. Pentney proposed, and Mr. Sumner (Ashby) seconded, that all articles manufactured should be protected and sold at their face value. This was unanimously agreed to. It was further resolved, on the motion of Mr. Cadge, seconded by Mr. Miller, that the directors should only receive out-of-pocket expenses for the first year or two.

A vote of thanks to the Chairman concluded the proceedings.

Society of Chemist-Opticians.

The Annual Meeting of this Society was held on May 13 at the Royal Horticultural Society's Hall, Westminster, S.W. The President (Mr. J. Gibson) was in the chair, and among those present were Messrs. A. Higgs, C. J. G. Bunker (Hon. Treasurer), J. H. Cuff (Hon. Secretary), H. Fairburn, E. E. Wolfe, J. H. Hopper, W. H. Crosland, H. W. Colley, F. S. Horsey, S. W. Woolley, H. O. Lloyd, T. L. Nicholls, H. T. Escritt, T. Manns, W. S. Burge, S. D. Loveluck, R. Fouracre, C. Hare, R. S. Chapman, J. C. Kidd, S. Davis, H. M. Selfe, R. T. Forbes, C. Pratt, and C. S. Addison. The minutes of the last annual meeting having been read and signed the annual reports and accounts were approved of. A discussion then took place on a motion by Mr. Higgs, which proposed to rescind the rule which forbids membership of the Society to be used for business purposes. After a modifying amendment had been negatived the motion was put to the meeting and lost. The objects of the Society were amended to give more freedom in supporting examination schemes, this step having been taken in consequence of difficulties which have arisen in connection with the Spectacle-makers' Company's scheme. A resolution altering the quorum of the Council from five to four was also passed. Mr. Lionel Laurence then gave an address entitled "The Limitation of the Scope of the Optician's Work."

The Week's Poisonings.

Eight fatalities, including one misadventure, with poisons have been recorded during the week.—Annie Maddocks (49), High Lane, Chorlton-cum-Hardy, who was subject to fits of melancholia, poisoned herself with vermin-killer.—Joseph Walker Robinson (59), labourer, died at Darley Abbey from an overdose of laudanum.—Louisa Gerrard (42), weaver, died at Preston from carbolic-acid poisoning. At the inquest a verdict of suicide while temporarily insane was returned.—The same lethal agent was used for suicidal purposes by a Darwen labourer named James Briggs (48).—A matchmaker named Brook took a quantity of carbolic acid with fatal results while under the influence of drink.—George Thatcher (34) committed suicide at Brislington by taking oxalic acid.—Lilian Farrow (24) took spirit of salt with suicidal intent at Ilford, owing to love-troubles.—Reginald Kemp (55) died in the Isleworth Infirmary from the effects of an irritant poison, not specified.

From the French Codex.

SOLUTÉ DE GÉLATINE.

Soluté Salin de Géla ine.

Gelatin ...	...	10 grams
Sodium chloride	...	7 ,,
Distilled water	...	q.s.

Introduce into a tared flask, capable of holding 1,500 c.c. of water, the gelatin, sodium chloride, and 500 grams of distilled water. Dissolve on a water-bath. Dip in a litmus-paper; if the solution is acid, neutralise with decinormal soda solution, and make up the whole to 1,000 grams with distilled water. Place the flask in an autoclave at 110° for ten minutes. Filter into the proper recipients, each holding 100 c.c., previously sterilised; place them in an autoclave at 110° for quarter of an hour.

SOLUTÉ DE GUTTA-PERCHA.

Traumaticine.

Guttapercha ...	...	10 grams
Chloroform ...	...	90 ,,

Cut the guttapercha into shreds, and place in a ground-stoppered flask containing the chloroform. Shake from time to time until dissolved. Allow to stand, and decant from any deposit.

HEARD IN THE SMOKING ROOM and experienced by the artist (Mr. Granville Shaw, Ph.C.), on his travels. It is all about the Budget.

Coming Events.

Notices for insertion under this heading should be received by the Editor on Wednesday of each week.

Friday, May 14.

London Chemists' Association, Royal Horticultural Hall, Vincent Square, London, S.W., at 3 P.M. Mr. J. P. Gilmour will open a discussion on "Joint Proprietaries" scheme, and the Budget proposals will also be discussed.

Monday, May 17.

St. Vincent Association, Crown Room, Holborn Restaurant, London, W.C., at 8 P.M. Complimentary concert to Mr. Sydney Jamieson. Tickets (2*s.* each) from the Hon. Secretary, Mr. J. R. Bailey, 13 Devonshire Square, E.C.

Tuesday, May 18.

Pharmaceutical Society of Great Britain, Holborn Restaurant, at 7 P.M. Annual dinner.

Wednesday, May 19.

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C., at 12. Annual meeting.

Forfarshire Chemists' Association, White Hart Hotel, Arbroath. Annual meeting at 12.30 P.M. Dinner at 1 P.M. After dinner, drive to Auchmithie. Tickets (3*s.* 6*d.* each) from Mr. W. Cummings, 49 Reform Street, Dundee.

Thursday, May 20.

Chemical Society, Burlington House, Piccadilly, London, W., at 8.30 P.M. Ordinary meeting.

Birkenhead and Wirral Chemists' Association, Woodside Hotel, Birkenhead. Annual dinner, at which Mr. Idris, M.P., Mr. J. R. Young (President of the Pharmaceutical Society), Dr Symes, and Mr. W. Gowen Cross will be present.

Drug-trade Appeal Fund, St. Bride Institute, Ludgate Circus, E.C., at 4.30 P.M. Annual meeting. Reception of the report and financial statement from the trustees, and election of seven trustees for the ensuing year.

FAIRCHILD SCHOLARSHIP EXAMINATION.—Intending competitors for the 1909 Fairchild Scholarship (50*l.*) and prizes (four of 5*l.* each) are reminded that Tuesday, June 1, is the last day on which applications can be received by the Secretary, Mr. A. E. Holden, 57-60 Holborn Viaduct, London, E.C.

A MEETING of the National Union of Assistant Pharmacists is to be held at the London College of Pharmacy, 323 Clapham Road, London, S.W., on May 31. If those intending to be present will communicate to the Hon. Secretary (Mr. E. A. Lenton, 64 Falmouth Road, Newington, S.E.), arrangements will be made for a luncheon at a neighbouring restaurant.

Trade-marks Applied For.

Objections to the registration of any of the undermentioned applications should be lodged with Mr. Temple Franks, Comptroller-General of Patents, Designs, and Trade-marks, at the Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C., within one month of the dates mentioned. The objection must be stated on Trade-marks Form No. 7, cost £1, obtainable through any money-order office. The figures in parentheses refer to the classes applied for.

(*From the "Trade-marks Journal," April 28, 1909.*)

"RUMOX"; for veterinary medicines (2). By E. P. Magee, Medical Hall, Farrell Street, Kells, co. Meath. 311,852.

"FORTRESS BRAND," and picture of fortress; for salt for use in medicine (3), and saline preparations (42). By Chance & Hunt, Ltd., Park Lane, Oldbury. 308,837, 308,838.

"PYROZONE"; for hydrogen dioxide for dentists (3). By McKesson & Robbins, Fulton Street, New York, U.S.A. 309,371.

"PAN-KUROSA"; for a medicine (3). By Mary de Wytt, 26 Caversham Road, Kentish Town, London, N. 309,540.

"MARTHU" (signature); for a medicine (3). By W. Ditcham, 15 Colehill Gardens, London, S.W. 309,658.

Label device, with facsimile signature, "HENRY G. GILES"; for cough-drops (3). By H. G. Giles & Co., 2 Upper Union Street, Aldershot. 309,985.

"PUM"; for an eczema-preparation (3). By Frank Harlow, 6 Queen Street, Louth. 310,894.

"JASTRA"; for all goods (3). By May Pearce, 19 Warkwork Crescent, Newburn, R.S.O. 311,117.

"SPHAGNOLINE"; for medicinal chemicals (3). By Peat Products (Sphagnol), Ltd., 18-19 Queenhithe, London, E.C. 311,238.

"ZENOBIA"; for medicinal chemicals (3). By W. F. Charles, Loughborough. 311,366.

"THYMOFORM"; for a medicine (3). By Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, London, E.C. 311,569.

"ZONIX"; for compressed tablets (3). By W. B. Cartwright, Ltd., Dewsbury Road, Leeds. 311,571.

"IBRITE," and picture of girl's head; for medicinal chemicals (3). By John Morgan Richards & Sons, Ltd., 46 Holborn Viaduct, London, E.C. 311,607.

"CALSA"; for medicinal chemicals (3). By Torbet & Co., 10 Bush Lane, London, E.C. 311,761.

"SIROLIN"; for medicinal chemicals (3). By F. Hoffmann-La Roche & Co., Bâle, Switzerland. 311,971.

"Funduscope"; for eye-instruments (8). By S. Richardson, 12-13 Henrietta Street, London, W.C. 311,167.

"Fön"; for hot-air apparatus (11). By "Sanitas" Electrical Co., Ltd., Friedrichstrasse 131D, Berlin, N. 24. 310,923.

"Wingardh & Co.," in a diamond; for photographic printing-paper (39). By Wingardh & Co., 27 Clement's Lane, London, E.C. 310,802.

"Succon": for liquorice (42). By Wright, Layman & Umney, Ltd., 48 Southwark Street, London, S.E. 308,432.

"Floralumena"; for a food (42). By L. G. Bevan, 3 Union Terrace, Torquay. 310,134.

"Phulness"; for food-substances (42). By A. Boake, Roberts & Co., 100 Carpenter's Road, Stratford, London, E. 310,770.

"Pixie"; for mineral and aërated waters (44). By W. Coutts, 60 and 84 Queen Street, Aberdeen. 310,637.

"Goldmead" Primrose Soap, and label device; for soap (47). By Edward Cook & Co., Ltd., Bow, London, E. 301,009.

"French Fon Fleur," and label device; for a perfume (48). "Oxzoin"; and "Milk of Roses," with label device; for toilet skin-preparations (48). By the To-Kalon Manufacturing Co., 59-61 New Oxford Street, London, W. 310,457, 310,459, 310,460.

"Eau de Vilja"; for a hair-preparation (48). By H. A. Ward, 259 Acton Lane, London, W. 310,811.

"Foodola"; for all toilet-preparations (48). By C. F. Scanlan, 46 Stockport Road, Ardwick, Manchester. 310,871.

"Ungal," and label device; for all goods (48). By F. L. Harnisch, 22 Potsdamerstrasse, Berlin. 311,003.

Girl's face with Egyptian head-dress; for toilet-preparations (48). By H. W. K. Pears, Goldstone Chemical Works, Hove. 311,179.

"Ferfex"; for all goods (48). By G. W. Kenworthy & Co., 5 Mark Lane, Whitehaven. 311,316.

"Poppœa"; for perfumery, etc. (48). By Annie S. Butler, 23 Somerset Street, London, W. 311,762.

(*From the "Trade-marks Journal," May 5, 1909.*)

"Tur-pen-Tum," in a diamond; for a turpentine substitute (1). By the Painters' Products Co., 428 Fairmount Avenue, Philadelphia, U.S.A. 305,967.

Label device (R H E entwined above wavy lines in upright rectangle); for manufacturing chemicals (1). By Rohm & Haas, 7 and 8 Eisenbahnstrasse, Esslingen, Germany. 311,968.

"Saritona"; for chemicals (2). By Ricardo Lynch, 224 Carlos Pellegrini Street, Buenos Aires. 310,040.

"Heavy 'Pike'"; for sheep-dips, etc. (2). By McDougall Bros., 68 Port Street, Manchester. 311,237.

"Spooner-Hart Nutrient," and heart device with horse in centre; for animal nutrients (2 and 42). By R. Spooner Hart, 157 Dhurrumtollah Street, Calcutta. 311,413/4.

"Colicine"; for a veterinary preparation (2). By H. Pye, 18 Bridge Street, Spalding. 311,443.

"Dogules"; for capsules for dogs (2). By R. L. Harrop, 1 The Broadway, West Norwood, London, S.E. 311,538.

"Marthu," and label device; for a medicine (3). By W. Ditcham, 15 Colehill Gardens, Fulham, London, S.W. 309,626.

"Salvarsan"; for medicines (3). By Meister, Lucius & Brüning, Hoechst a/Main, Germany. 310/235.

"Gesto-Pana"; for an indigestion-cure (3). By James and John Richardson, 51 Donegall Pass, Belfast. 310,718.

"Vivigene"; for medicine (3). "Cytherea" and "Ottoline"; for all goods (48). By H. W. K. Pears, Goldstone Chemical Works, Hove. 311,085, 310,219, 310,538.

"Nuvite" and "Oinovite"; for medicinal wine tonics (3). By F. E. Palmer, 168 Unthank Road, Norwich. 311,420/1.

"Infantules"; for medicinal chemicals (3). By Warrick Bros., Ltd., 6 Nile Street, London, E.C. 311,441.

"Retham"; for a medicine (3). By W. Leslie, 92 High Street, Haddington, N.B. 311,453.

"Creosofosfatina," and label device, with D C L monogram; for medicinal chemicals (3). By D. Lodigiani, 8A Calle de Degollado 1223, Mexico. 311,482.

"Ceralis"; for an ointment (3) and for toilet preparations (48). By Hugo Williams & Co., 4 Upper Union Street, Dowlais. 311,514/5.

Canadian News.

(From the "C. & D." Correspondent.)

Dr. Milton L. Hersey, Montreal's millionaire chemist, city and provincial analyst, has presented McGill College with $10,000 for the upkeep of the metallurgical department.

Medicine-stamp.—An Order in Council has been issued extending from April 15 to May 15, the time allowed for issuing small stamps by the Inland Revenue Department to be placed on all packages of proprietary medicines manufactured prior to April 1.

The North-West Territories Pharmaceutical Association recently held an election of officers, when the following were chosen: Messrs. Walter Pennington (Moosomin), A. D. Ferguson (Wolseley), Robert Martin (Regina), J. Nicoll (Battleford), George Graden (Edmonton), James Findlay (Calgary), and J. D. Higinbotham (Lethbridge).

The Montreal Polyclinic, Ltd., a duly incorporated company, applied in the Practice Court to Mr. Justice Fortin for a writ of mandamus to compel the Pharmaceutical Association, through its Secretary-Registrar, to issue a druggist's licence to the company, authorising them as a company to carry on the business of a chemist and druggist in the Province of Quebec. After hearing arguments on both sides the Judge took the matter *en délibère*, and later gave judgment dismissing the application and stating that a corporation could not be a druggist, and refusing to order the Pharmaceutical Association to issue a licence to the Polyclinic, Ltd. The Pharmaceutical Association has served twenty-nine writs on the Polyclinic, alleging the sale of cocaine.

Sale of Poison.—An important Bill has been drafted by the Pharmaceutical Association of Quebec, and is being placed before the Quebec Legislature on their behalf. This Bill prohibits the sale of habit-forming drugs, such as cocaine, morphine, heroin, or their salts, except on the order of (1) a registered physician, (2) a licensed dentist, (3) a veterinary surgeon. A prescription for these drugs is only to be filled once, and no copy shall be given to anyone. Wholesale dealers may only sell the above-mentioned drugs to druggists, physicians, dentists, or veterinary surgeons. The fines provided for violation of the new law are $100 for the first offence and $200 for every subsequent offence. The Bill has been read a first time.

Cocaine-sales.—Lee Chu, the Chinaman who has been figuring very largely in Montreal and Halifax Courts (*C. & D.*, March 13, p. 397), has outwitted the authorities. When brought back from Halifax on a charge of perjury he was detained in gaol in Montreal for some weeks, and brought to trial. The perjury charge fell through, and Lee Chu was acquitted, but he was immediately arrested on the charge of selling cocaine contrary to law, and for this he was condemned on twenty-one counts to pay a fine of $25, and costs, aggregating some $1,025. Lee Chu's lawyer paid the fine, and his man was released, when once more he started for Halifax, where he is now out of reach of the Quebec authorities. It was the intention of the Pharmaceutical Association of Quebec to take out a separate writ for each offence, but before another summons could be made out Lee Chu was beyond jurisdiction.

South African News.

(From the "C. & D." Correspondents.)

Cape Colony.

A Chemist's Assistant's Death.—An inquiry has been opened at Woodstock, near Cape Town, into the circumstances attending the death of Thomas Charles William Fairclough at Observatory on April 8. A witness found him in a state of collapse at the business premises of Mr. Sivertsen, where he was employed, at 10.30 P.M. on April 5. The evidence of the medical man who was called in showed symptoms of morphine-poisoning, and a packet containing the drug had been found in his pocket. Deceased, how-

ever, developed pneumonia on April 7, and the district surgeon said the cause of death was syncope and asphyxia, the results of pneumonia, there being no sign of morphine-poisoning. The inquiry was adjourned.

COLONIAL PHARMACY BOARD.—The report of the Board for 1908 states that during the year two examinations were held, seven candidates being examined and three passed. Lack of a systematic course of preparation explains the failures. Ten persons were registered during the year, four under the Board's examination, and five with English and one with Irish qualifications. The correspondence with the New South Wales Pharmacy Board on reciprocity between the various Colonies of the British Empire is mentioned, and in view of the proposed change in the Government of South Africa it is deemed advisable to allow the matter to remain in abeyance for the present. Contraventions of the Medical and Pharmacy Act, particularly by uncertified persons being in charge of shops, and the sale of poisons by other than registered chemists and druggists, in spite of the fact that Government issued a warning of the necessity for a strict compliance with the provisions of the Act, continue to be numerous and engage the Board's constant attention. The work is difficult owing to inability of obtaining reliable lists of licensed persons.

PHARMACEUTICAL SOCIETY.—A meeting was held at the Y.M.C.A. Buildings, Cape Town, on Thursday, April 15, Mr. W. Froembling presiding. Among those also present were Messrs. F. C. Mathew and J. S. North (Vice-Presidents), A. E. A. Tothill, J. Austin Thomas, J.P., J. Sowden, G. Cleghorn, H. R. Peck, J. Clayton Smith, T. Tullett, R. S. Chetham, C. Merry, W. Turnbull, C. Weller, W. A. Crow, W. A. Sleggs, and J. Dell (Secretary). The President read a short paper on quack remedies, giving an interesting *résumé* of the origin and progress of such medicines. He discriminated between those valuable medicines which have been adopted as official or officinal. He instanced Dover's powder as belonging to the latter class, and said that quack remedies may be classified as :

(*a*) Those whose formula is not disclosed.

(*b*) Those which publish exaggerated reports not consistent with actual facts.

(*c*) Those whose price is out of proportion to the cost of ingredients.

Some discussion followed, several speakers inclining to the belief that the President's remarks indicated that he had little faith in articles produced in the Colony. Mr. Froembling repudiated the view, but showed several examples of proprietary articles—*e.g.*, Duncan's chloroform, Carlsbad salts, etc.—which must of necessity be imported. After the discussion, Mr. Crow asked that the next Council-meeting should consider the selling-price of poisonous patents and proprietaries. A meeting of the sub-committee to consider the position of country chemists was then held.

At the Counter.

ENGLISH as written in gallant little Wales :

2 ffit. ffrif insis 15 insis reit seid.

Please I want a box of araces nursery premade is for keeping children heads clean 4½ the box.

They wheals golden cure 5 pottles to send Isaac Hughes.

JUST BECAUSE.—Edinburgh is a great educational centre, and the indwellers strive that the commonplace may find no refuge upon its windy heights. That is why a young lady demanded "an ounce of Rockely salts" the other day of a local pharmacist.

ACCUMULATED IN ABERYSTWYTH.—"No. 2 Dispensary Bandage." "Arkaforkis." "Spear Muck of City Ointment." "A packet of 6*d*. Santure Towels." "Mical Food." "2*d*. Mismuth Browne." "2*d*. Shalack." "A small box Chambuck oietment." "Flower Sulfer purefied the blood." "Floorbroomstand." "Sink Ointment." "1*d*. Cymon." "Silk Corn." "Donas pills." "Ffirt Bollsom." "1*d*. Clorider Lime." "3*d*. packet of Leekriuse powder." "1*s*. bottle Sackara Casqera." "Costeq." "2*s*. worth of Coliseum pills." "2*d*. Canfyr." "A pack of barel meal or a pound for babys."

Photographic Notes.

(By a Pharmaceutical Camerist.)

Thio-molybdate Toning.

THE patentee of the thiomolybdate toning-process for bromide-paper has applied for protection in the use of this salt in toning printing-out paper. The bath to be used is a solution of ammonium thiomolybdate in water to which is added aqueous ammonia in approximately the same proportions as used for toning bromides, and the time for immersion is about five minutes. Both the proportions and the time will vary with the tone required, and the nature of the prints under treatment. The prints are first washed, until the washing-water is no longer milky, and are then treated with a 10-per-cent. solution of common salt for about ten minutes, after which they are washed again. The toning-solution is now applied, and with ordinary gelatino-chloride papers a rich brown colour is produced, which, on drying, becomes purple. Collodio-chloride prints give a nearly black tone, while the colours produced on a plain salted paper vary with the nature of the sizing employed in its manufacture. After toning, the prints are immersed (after rinsing) in a bath of ammonia made by mixing 3 to 5 c.c. of 0.880° ammonia with 100 c.c. of distilled water. This clears the whites of the picture, and a final wash of about fifteen minutes completes the process. Owing to the loss of depth which occurs during toning the prints should be somewhat darker than is usually necessary with gold-toning processes. The inventor states that, in addition to the molybdic compounds, he has tried toning with such salts as the thiotungstates, but the results have not been satisfactory.

Pyrocatechin Developer.

THE use of pyrocatechin as a developer appears to be gaining popularity again. This substance is somewhat similar in action to hydroquinone, and may be used either with the carbonates or hydroxides of the alkali metals. Unlike hydroquinine, however, it is capable of working either with normal or extreme vigour, according to whether one or both of the hydroxyl groups are saturated with caustic alkali. The preparation of two solutions as follows is suggested by Dr. König :

A

Pyrocatechin	55 grams
Sodium sulphite crystals	33 grams
Water to make	500 c.c.

B

Caustic soda (100-per-cent.) ...	28 grams
Sodium sulphite crystals	150 grams
Water to make	500 c.c.

To obtain great density use 10 c.c. of each of these two solutions, and make up to 150 c.c. with water; while to obtain a less energetic developer 15 c.c. of the "A" solution is used instead of 10 c.c., and the solution made up to 200 c.c. with water. In the former case one (OH) group is entirely and the other partly saturated, while in the latter case only one is affected, the formula being represented by C_6H_4OHNaO. The most energetic action is obtained when both OH groups are saturated, which occurs when 10 c.c. of "A" and 15 c.c. of "B" are used together, with water to 200 c.c. In this case the composition corresponds with the formula $C_6H_4(ONa)_2$. In view of the fact that various workers have pointed out that a reaction goes on when a solution containing both sodium hydroxide and sodium sulphite is kept for any length of time, it is rather curious that Dr. König should recommend this particular formula as possessing good keeping qualities. The reason he divides the sulphite between the two solutions is that in concentrated solutions the sulphite and the pyrocatechin react, with the formation of an insoluble compound. Whether this could be avoided by making the solutions of, say, half-strength and adding the whole of the sodium sulphite to the "A" solution does not appear to have been tried, but if this is possible it would be preferable to using the mixture of the two sodium salts in one solution.

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THE CHEMIST AND DRUGGIST

A Weekly Journal of the Chemical and Drug Trades,
and of
British Pharmacists throughout the Empire.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is the leading journal addressing the chemical and drug trades of the British Empire. It is adopted as an official journal by seventeen Chemists' Societies in Australia, Ireland, New Zealand, South Africa and the West Indies, and its paid-in-advance circulation in Great Britain and all Countries having business relations with the British Empire is intrinsically and numerically unique.

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CONTENTS: Vol. LXXIV., No. 20 (Series No. 1529).

	PAGE
Agri-Horticultural Poisons	746
Association Affairs	*Col. Supp.*
At the Counter	*Col. Supp.*
Bankruptcy Reports	743
Births	744
Books, New	763
Business Changes	748
Budget Cartoon	*Col. Supp.*
Canadian News	*Col. Supp.*
Chemical Society	748
Chemists' Exhibition	756
Codex Formulæ	*Col. Supp.*
Coming Events	*Col. Supp.*
Correspondence.	
Duty-free medicinal spirit	763
Old-established; Dentistry as a Chemists' Side-line; Council Election; Pharmacists' Co-operative Association; How to Treat Travellers; Dispensing for Hospitals	764
Legal Queries	765
Miscellaneous Inquiries	765
Deaths	744
English News	736
French News	738
Gazette	743
Editorial Comments:	
What is a Medical Prescription	750
Foreign Trade in April	751
Righting the Wrong	751
The Budget and Contracts	752
Notes	752
India and the East	738
Information Wanted	759
Irish News	737
Legal Reports	740
London Drug Statistics	763
New Companies and Company News	743
Observations and Reflections	749
Personalities	744
Pharmaceutical Society of Ireland	755
Photographic Notes	*Col. Supp.*
Poisonings	*Col. Supp.*
Royal Society Conversazione	766
Scientific Progress	766
Scots News	738
South African News	*Col. Supp.*
Trade-marks Applied For	*Col. Supp.*
Trade Notes	745
Trade Report	760
Westminster Wisdom	739

TRANSATLANTIC TRADE

will be stimulated and strengthened by the publication, on May 22, of the New World Issue of THE CHEMIST AND DRUGGIST. The particular purpose of that issue is to bring buyers and sellers of chemicals, drugs, proprietaries, druggists' sundries, and toilet articles in the Old World and the New into closer touch. The potentialities of Canada, United States, South America, and the West Indies as purchasers of British goods are appreciated by all business men, who will find advertising announcements in the New World Issue of exceptional value in bringing inquiries. Although there will be an extended distribution in addition to the usual weekly circulation of THE CHEMIST AND DRUGGIST, the advertisement rates will not be advanced. Firms requiring space should communicate at once with the Publisher, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C.

Summary.

The subjoined paragraphs give the gist of the more important matters in this issue, with the object of showing at a glance what has happened during the week. See also "Contents" in the first column.

APRIL import and export trade shows signs of improvement (p. 752).

THE interesting exhibits shown at the Royal Society's conversazione this week are described on p. 766.

PRIZES are offered for postcard suggestions as to how to treat a traveller under the circumstances narrated on p. 764.

A SERIES OF SKETCHES by Mr. Granville Shaw, illustrative of trade feeling regarding the Budget, will be found in the Coloured Supplement.

MR. MORETON PARRY'S PROPOSAL to form a Union of Retail Pharmacists of Great Britain was discussed at a meeting in London on Tuesday evening, and was favourably supported. See report in the Coloured Supplement.

THE NEW LICENCE-DUTIES will not hit chemists so severely as was anticipated. Mr. Lloyd George has given the assurance as regards chemists that the rating will not be in regard to the whole rent, but for that part of it which represents the wine-business. See the note on p. 754.

THE HOME SECRETARY has declined to issue a circular about agri-horticultural poisons-licences (p. 739). We again report a large number of items dealt with by local authorities, who continue to show a strong disposition to give effect to the new law as if registered chemists did not exist (p. 746).

THE BUDGET has again been the topic of the week, and retail chemists are realising what a serious matter the increased spirit-duty is to them. We report several meetings and sum up the situation on p. 753. The Council of the Pharmaceutical Society of Ireland have petitioned the Chancellor (p. 755). Some advocate the exclusion of medicinal spirituous preparations from all duty (p. 763).

THE MARKET FEATURE is the break-up of the morphine convention, due to foreign competition. Sweet-almond oil, buchu, copper sulphate, cube gambier, juniper berries, and lactucarium are all higher. Calumba, W.I. tamarinds, shellac, and glycerin are more or less firmer. Cod-liver oil, citric, tartaric and oxalic acids, and lemon oil for shipment are all in buyers' favour (p. 760).

CHEMISTS' MEETINGS are mostly reported in the Coloured Supplement this week. They include two in regard to joint proprietaries. The London movement is likely to be merged into the Manchester one. The scheme is to form a company with 5*l.* shares, held exclusively by pharmacists, in order to manufacture specialities for sale to pharmacists only on P.A.T.A. terms, which would be sold at face value.

THE CHANCELLOR OF THE EXCHEQUER is one of the most questioned men of the time. We report numerous replies which he has given this week in regard to the spirit and petrol duties (p. 739). In the course of one reply he mentioned that under Section 10 of the Finance Act, 1901, higher prices for petrol can only be enforced as regards duty when the duty has been paid. We, therefore, quote the section in full and show how it applies to drug-contracts made before April 30 (p. 752).

THREE REGISTERED DRUGGISTS in Belfast have been fined under Section 30 of the Pharmacy Act, 1875, for compounding medical prescriptions. The offence was admitted in each case, and fines of 5*l.* each and costs imposed (p. 741). Counsel for defendants raised the question, What is a medical prescription? and stated that there is no definition in the Act, but that there is in the 1868 Act. We discuss the matter in an article on p. 750, and show that there is in law or practice little doubt about it.

IN MARCH 1904 Sir Henry W. Primrose, then Chairman of the Board of Inland Revenue, gave an indulgence to limited companies, who by the decision in Smith *v.* Mason are excluded from the Medicine Stamp Acts exemptions. He allowed them the privilege of the known, admitted, and approved remedies exemption until a "final solution" of the difficulty has been arrived at. That seems now to have occurred, for the Board of Customs and Excise have altered the paragraph in their memorandum so that in future only those companies will enjoy the exemption who conform with Section 3 of the Poisons and Pharmacy Act. Which means that known, admitted, and approved remedies sold in companies' drug-stores managed by unqualified men must be stamped (p. 751).

English News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Brevities.

An effort is at present being made to get an agreement among pill manufacturers in this country to discontinue the name "Little liver pills" for their products of this nature.

The newspaper war between Alderman Dunn, of Shipley, and Mr. Claude Leatham still continues in the local Press with reference to the policy of the West Riding Education Committee.

At the annual meeting of the Herts Natural History Society last week Dr. John Attfield, F.R.S., was elected a Vice-President, and Mr. A. E. Ekins, pharmaceutical chemist, F.I.C., a member of the Council.

The Committee of the North-East Lancashire Chemists' Association have decided to organise a summer excursion on June 10 or 17. Train to Skipton, thence on foot to Bolton-by-Boland is the suggested itinerary.

A lad named Burden was packing syphons at a Devizes aërated-water factory when one of the syphons burst. A fragment of glass severed the main artery of the throat, and the youth died before the arrival of a doctor.

The Education Committee of the Hendon District Council have reported that it is desirable to assist in providing the children of poor parents suffering from defective eyesight with spectacles on the instalment plan. Arrangements had been made with the hospital optician to execute orders from the Secretary.

At the Mansion House Police Court on May 7, before Sir Horatio Davies, Arthur Davis (42), chemist's assistant, was sentenced to two months' imprisonment in the second division and Richard John Tonley to three months' imprisonment, for stealing chemists' sundries from Messrs. Spiers & Pond, Ltd., New Bridge Street, London. Both men pleaded guilty. Sir Horatio Davies said he believed Tonley had tempted Davis to rob his employers.

Mr. Justice Eve, on May 8, made an order for the release of John McNichol in custody in Knutsford gaol, Cheshire, under an order of the Vice-Chancellor of the County Palatine Court of Lancaster, committing him to prison for contempt of Court in breaking an injunction with regard to the Saccharin Co.'s patents. He had been in prison since February. Counsel for the prisoner gave an undertaking for the delivery up of the saccharin in respect to which the case arose.

At a meeting of the Blackburn Master Hairdressers' Association on Monday evening the President stated that the Northern Counties Hairdressers' Federation has consulted Dr. Brooks, an eminent specialist, with regard to an antiseptic for use by members to counteract so-called "foul shave." He had given a recipe, and this is being prepared, in tablet form, by a firm of qualified chemists. The Secretaries of various Associations throughout the North will act as distributing agents for the members, but before this is done the legality of the procedure as regards the Poisons Act will be considered by counsel.

Campaign against Malaria.

Major Ronald Ross was the lecturer at the Friday evening meeting of the Royal Institution on May 5, the subject of the discourse being "The Campaign against Malaria." This dealt with the many campaigns having for their object the obliteration of the breeding-places of the anopheles, which have been proved to be the chief agent in spreading malaria. Where the campaign has been properly carried out the result has been to abolish malaria. The same methods have been applied successfully in counteracting yellow-fever. The discourse was chiefly noticeable for the outspoken indictment of the heads of the sanitary services of the British Colonies. These officials generally obtain their positions through influence, and not because they are specialists in sanitary science. The consequence is that they look with suspicion upon any scheme which would cause extra work for their department. The lecturer somewhat despondently remarked that the only hope of progress is to induce these officials to accept their pensions and decorations before the usual time, so as to make room for more capable men.

Analysts' Affairs.

Dr. A. Bostock Hill, F.I.C., has been re-appointed by the Hereford City Council as public analyst until March 25, 1914.

Mr. Cyril J. H. Stock, B.Sc., A.I.C., has been appointed by the Durham County Council as deputy public analyst to his father, Mr. W. F. K. Stock, F.I.C.

The Bedfordshire public analyst reports as genuine all the following samples examined during the last quarter: Arrowroot 3, beeswax 1, boric acid 1, carbonate of soda 2, citrate of magnesia 1, citric acid 1, cod-liver oil 1, compound liquorice powder 1, cream of tartar 1, Epsom salt 1, eucalyptus gums 1, flowers of sulphur 2, glycerin 1, glycerin and black currant pastilles 1, mustard 3, tartaric acid 1.

The report of the Bournemouth public analyst (Mr. R. A. Cripps, F.I.C.) shows that 300 official and 100 unofficial samples were examined during the year 1908. Of the former twenty-one (7 per cent.) were adulterated, and of the informal samples eighteen (18 per cent.) were deficient in quality. In regard to drugs Mr. Cripps states that

The official samples comprised boric-acid ointment 9, sulphur ointment 4, compound powder of jalap 1, citrate of caffeine 4, quinine-wine 8, tartaric acid 1, cream of tartar 7, and citrate-of-lithia tablets 6. Of these only one sample—citrate of caffeine—was adulterated or seriously deficient in strength. This sample contained 41.3 instead of 50 per cent. of caffeine. One sample of quinine-wine was slightly deficient in quinine hydrochloric. Two cream-of-tartar samples proved to be of doubtful quality. Nine test samples of tincture of iodine were also taken, and gave very variable results. One sample was 9 per cent deficient in both iodine and potassium iodide, another had 36 per cent. of iodine in excess, and a third contained double the proper proportion of both iodine and potassium iodide. Three "doubtful" samples each contained slight excess of both iodine and potassium iodide (5 to 10 per cent.). It is obvious that this was not with any fraudulent intent, but probably a little excess had been purposely used in order "to be on the safe side," iodine being somewhat slow in dissolving and its tincture being a very favourite drug for inspectors to sample.

Full reference is also made to samples of potash and lithia waters analysed, some of which were the subject of prosecutions during the year (*C. & D.*, 1908, II., p. 681). Mr. Cripps criticises in his report the defence then urged that there is no standard for lithia-water.

Alleged Bogus Orders.

At the Mansion House Police Court on May 12, Charles Baker, *alias* Henry Ladwell (33), and Fredk. White, *alias* Rogers, *alias* Davis, *alias* Tom Staples, commission agent, were committed for trial on a charge of obtaining goods under alleged false pretences from the Marmite Food Extract Co., Ltd., Mincing Lane House. The goods were obtained in the name of "A. Huish & Co.," 124 Minories. Other names in which the men traded that appeared in the information were "J. Williams & Co.," "H. Davies," "J. Platt & Co.," "W. Harvey Burrows," etc.

Birmingham Notes.

A propos of the Union of Assistant Pharmacists, here is one from Oldbury. "You saw the advertisement in the *C. & D.?*" "Yes." "Are you in the Union?" "No, but my unqualified friends are, and I sha'n't be out long if I don't get a berth soon."

A curious whisper is gaining currency in our midst that the M.P.A. do not see eye to eye with the London administration. Particulars have not yet leaked out, but it is understood that it was the subject of animated discussion at a little meeting held some time ago to discuss present affairs pharmaceutical.

The local Association have issued a circular in support of the candidature of Mr. F. J. Gibson, Ph.C., Wolverhampton, for a seat on the Pharmaceutical Council. It is signed by the President (Mr. A. W. Southall) and the General Secretary (Mr. Radford). On the morning after the receipt of the voting-paper the whole of the members of the Society received an address, with a request to plump for him and secure his success.

The somewhat dangerous prescription in which potassium iodide and mercuric chloride solutions are prescribed with

alkaloidal solutions is not dead yet. A first-class physician's prescription has this week travelled afar, and some doubts of its usefulness were entertained by the dispenser, although the alkaloid was only quinine. He was, however, received politely and courteously by the medico and told to dispense it, as it was his full intention to give the medicines in that form.

Co-operation and "Cutting"

The report of the Batley Co-operative Society, Ltd., for the quarter ended April 12, 1909, shows a decreased turnover of 2,251*l.* as compared with the corresponding period of 1908. This decrease in business applies to most departments, but the "chemist's shop" showed a loss of 72*l.* 12*s.* 3*d.* for the quarter. The stock in the "chemist's shop" in January was 559*l.*, and rose to 744*l.* in April, the sales for the quarter being 279*l.*; accounts owing to January 1909 amounted to 47*l.*, and in April they had risen to 58*l.* The loss on the chemist's department may be ascribed to the fact that the society are well-known to defy the P.A.T.A. by selling all P.A.T.A. goods at P.A.T.A. prices, and returning a dividend of 2*s.* 10*d.* in the pound. To advertise the "chemist's shop" members were given an opportunity (May 7 to 16) to secure cheap (*sic*) medicines, such as large bottles of "finest" orange quinine wine at 1*s.*, sarsaparilla packets 6*d.* each (usual 1*s.* size), 1-oz. jars of ext. of sarsaparilla at 6½*d.*, 4 oz. of sarsaparilla and sulphur tablets for 3½*d.*, and numerous other "bargains." The society have just issued a new photographic price-list containing some marvellous prices for patent developers, off which a dividend of 2*s.* 10*d.* is returned. It would be interesting to know what plate and paper makers say to this aggravated form of cutting.

Contracts.

Eton Urban Council.—Mr. Oldham to be chemist to the Council for a year.

The Hanley, Stoke, Fenton, and Longton Joint Hospital Board have appointed Mr. T. Cornwell, Ph.C., Hanley, contractor for drugs at 30 per cent. discount.

Islington Guardians.—The Finance and General Purposes Committee reported on May 6 that they had consulted the medical officers and dispensers as to a non-proprietary disinfectant suitable for the institutions and equal to that now used. The reports received were in favour of carbolic acid and permanganate of potassium. The committee therefore recommended that these should be adopted in future contracts in place of the proprietary disinfectants now used. The Guardians agreed to send the matter to the various committees concerned.

Cricket.

Stevenson & Howell C.C. *v* Potter & Clarke's C.C.—Played at Chiswick. Scores: S. & H., sixty-eight; P. & C., forty-nine.

Allenbury's 2nd *v.* Hackney Triangle.—Played at Hackney Marshes. The Allenbury team won by fifteen runs, with a total of fifty-four.

Burgoyne Burbidges' C.C. *v.* East Ham.—This match, played at Wadham Lodge, Walthamstow, ended in a win by the East Ham team, who scored 167 runs to the Burgoyne's fifty-eight.

Northern College *v.* Manchester College.—Played at Manchester on May 6. Manchester won the toss and put the Northern in to bat; they ran up a score of 147 (Cundall, 57 not out, and Cooke, 36). Upon the Manchester men going in, after a hard time of leather-hunting under a glaring sun, they hit up thirty runs (Sanderson took seven wickets at an average of one run per wicket).

Leicester Pharmacy Athletic Club started the season on May 11, when they met the Leicester Victoria C.C. on the latter's ground at Belgrave. Victoria batted first, but the bowling of Miles and Chawner was so good that they were dismissed for a total of sixty-three runs. The Pharmacists commenced well, but in the end only scored fifty-five runs. For the chemists, Chawner took six wickets for thirty runs, and Miles three for twenty-seven. Huzzard, Chawner, and Wainwright each made eleven runs.

"Friction Lights."—May 1 was the fiftieth anniversary of the death of John Walker, the Stockton-on-Tees chemist who invented the lucifer match.

Irish News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Window-smash Compensation.

Mr. James Miehie, pharmaceutical chemist, Main Street, Blackrock, was on May 8 granted compensation from the County Fund for the malicious breaking of his shop-window. The claim was for 8*l.* 3*s.* 2*d.*

Injury to Teeth.

At the Galway Quarter Sessions last week, before County Court Judge Anderson, Wm. Harren, foreman in the quarries, sued John F. A. Kelly, described as a mechanical dentist, for 50*l.* damages for injuries caused in the treatment of his teeth. Judge Anderson allowed 30*l.* damages and costs, with four guineas expenses.

The Kelp Burners

of Devenish and O'Connor's Islands in Connaught held a meeting recently to consider a complaint from Messrs. Fairlie & Co. that the kelp is being burnt in kilns and also adulterated with sand. It was resolved to appoint a vigilance committee to check these causes of complaint. It was pointed out that there must always be a certain proportion of sand on seaweed gathered on the shore.

Personal.

The Waterford Guardians are asking Messrs. J. Clarke & Co., Dublin, to accept the contract for medical appliances which Mr. White declines. Messrs. Clarke's abatement was 37¾ per cent., against 39½ per cent. offered by Mr. White.

Mr. T. Mathers Thomson, pharmaceutical chemist, manager of Mr. George Brown's Branch Medical Hall, Stephen's Green, Dublin, and Mr. F. W. Warren, pharmaceutical chemist, Navan, have passed the third Professional examination of the Royal Colleges of Physicians and Surgeons in Ireland.

Last week, at Cradley Heath, a number of people were overcome by poisonous gases. The first medical man to arrive on the scene was Dr. Kelly, son of Professor Patrick Kelly, Dublin. He at once detected the presence of carbon monoxide and sent for oxygen, in the meantime having the victims removed into the fresh air.

Guardians' Doings.

The Local Government Board have approved of the tender of Mr. O'Connor, Sligo, for the supply of drugs to the Carrickmacross Guardians, although the tender was not the lowest.

The Ballymehon Guardians have assigned the contract for appliances to Messrs. Sumner & Co., Liverpool. The Guardians acted under pressure from the Local Government Board.

The Guardians of the Swinford Union have written to Messrs. Adamson & Co., Ballina, to know their terms for the supply of medical appliances. This is one of the Unions with which Mr. White finds himself unable to enter into a contract.

The Wexford Guardians are hoping to be able to force Mr. P. N. White, Sligo, to carry out the medicine contract which he provisionally entered into when sending in his tender. The Local Government Board are being written to once more.

The Local Government Board have warned the Mohill Guardians that they must assign the drug contract to Messrs. J. Clarke & Co., Belfast, or Messrs. Sumner & Co., Liverpool, who have already sent in tenders. The Guardians had re-advertised and received another tender from Mr. Burns, Mohill, which they accepted because the abatement was greater than those of the firms mentioned above.

As we go to press we learn of the death of the mother of Dr. J. C. McWalter (Dublin), which occurred when on a trip with him. The funeral took place at Dublin on Thursday.

Ramsey *v.* McCullough.—At the Belfast Court last week this case came on for hearing. Marriot Ramsey, fruit salesman, sued David McCullough to recover 2*l.* 16*s.* 11*d.*, the price of goods sold and delivered by the plaintiff to the defendant. The defence was that the goods had been sold to and received by a man named McLean, defendant's brother-in-law, and his Honour dismissed the case on that ground.

Scots News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Aberdeen and the North.

At a meeting of the Parish Council of Banff, held on May 4, Mr. George Ellis was appointed to supply drugs for the ensuing year.

Gamrig Parish Council accepted an offer by letter from Messrs. Henry McMurtie, chemists, offering to supply medicines for Macduff and district for the coming year at the usual rates.

Glasgow.

As a result of the hot weather pharmacists are having a "big run" on effervescing preparations.

At a meeting of the Andersonian Naturalists' Society held last week in the Technical College, Mr. John Lothian exhibited a quiver of poisoned arrows and calabash containing curare extract from West Africa.

Dundee.

Mr. J. Russell Taylor has disposed of his business at 31 Strathmartin Road, Dundee, to Mr. James Duff, presently with Messrs. McMillan & Robertson, Hawkhill, Dundee.

Miss Hannah S. Glass, daughter of Mr. Glass, pharmacist, Morningside Road, Edinburgh, has been appointed lady assistant in the infant English department of Dundee High School.

The "Dundee Advertiser" of May 8 devotes a column to an article by Edward Pinnington on the R. M. Lindsay gallery of pictures. Mr. Lindsay is President of the Dundee Pharmacists' Association, and he has gathered together an excellent collection of pictures by modern artists.

Edinburgh.

A small drug-store, which has been closed for some time, has again opened for retail trade.

Mr. J. Nicholl, lately assistant with Messrs J. and W. G. McCall, chemists, Union Place, has started business as a photographic dealer in Broughton Street.

Mr. Andrew H. Baird, scientific-instrument maker and chemical-dealer, 33 Lothian Street, and Mr. D. Rainy Brown (Messrs. J. F. Macfarlan & Co.) have been admitted members of the Edinburgh Merchant Company.

A proposal to charge one penny extra on all prescriptions, so that any slight loss sustained in selling pennyworths of tinctures, &c., may be rectified, is finding considerable favour. About two dozen pharmacists have agreed thus far to do so.

India and the East.

(From the "C. & D." Correspondent.)

Mr. Benjamin Butler, who has been associated with the firm of Messrs. Frank Bliss & Co., of Simla and Lahore, during the past seven years, has been admitted a partner at Lahore as from March 1, 1909.

Proposed Monument to a Patent-medicine Manufacturer.—A scheme is on foot among the manufacturers and vendors of patent medicines in Tokyo to erect a monument at Uyeno Park, Tokyo, in honour of the late Mr. Ginko Kishida, the first exporter of Japanese proprietary remedies.

Mr. M. K. Watt, late manager of The Dispensary, Singapore, severed his connection with the Straits Settlements on April 12, having left by the *Prinz Ludwig* for the Old Country *via* Genoa and the Continent. Prior to his departure his brother pharmacists and colleagues presented him with a set of gold studs and sleeve-links as a mark of their appreciation and esteem. Mr. Watt was also the principal guest at a complimentary dinner given by a number of his Masonic friends. He was also presented by the Lodge Zetland in the East with a Past Secretary jewel.

The chemists of Kirkcaldy have agreed to close their shops on Wednesday afternoons from 1 to 6 P.M.

French News.

(From the "C. & D." Paris Correspondent.)

Papier Poudré.—In the Civil Tribunal of the Seine last month, after protracted litigation, Papier Poudré, Ltd., obtained an injunction against a Paris house for an infringement of their trade-marks, full costs and damages being awarded to Papier Poudré, Ltd.

"Master Pharmacists."—A pharmaceutical journal publishes a note found in the archives of Beaumont-sur-Oise (not far from Méru, where the late riots occurred) by which Louis XVI. nominates Félix Lussignol, master pharmacist, as sheriff (échevin) of that town on March 6, 1789. This is interesting as showing that French pharmacists were eligible for the magistrature even before the Revolution.

Trade with the United States.—A deputation of French exporters to the United States waited on M. Cruppi, Minister of Commerce, recently, to express the alarm caused in certain French trades—perfumery, gloves, etc.—at the rates proposed by the new American Customs Tariff. The Minister was asked to urge the Government to take the necessary steps to prevent a tariff war ere it should be too late, for the continuation of the application of the French minimum tariff to American goods would be impossible if the United States should legalise the proposed rates.

Pharmacy Students' Congress.—The Second International Congress of Pharmacy Students is to be held at Nancy this month. The organising committee has been recruited from the Amical Association of Nancy Pharmacy Students, M. Cloris being President and M. Godfrin General Secretary. The programme includes an official reception of the visitors on May 20, calls on the Director of the Nancy School of Pharmacy and other authorities, a reception at the Students' Club, a soirée at the Exhibition, visits to the local industries (ironworks, breweries, etc.), and a daily session. On Sunday (May 23) there will be two banquets—that of the National Congress of Pharmacy Students at midday, and that of the National Union of Students at 6.30.

Pharmacy Students' Ball.—The Amical Association of Pharmacy Students, which already arranges annual theatrical performances, rural outings, etc., this year decided to organise a "French Pharmacists' Ball." M. Guignard, Director of the Paris Superior School of Pharmacy, accepted the hon. chairmanship, while the acting president was M. Jaboin, the recently elected (first pharmaceutical) prudhomme. A strong committee reunited such various individualities as M. Buchet, chief of the Pharmacie Centrale (wholesale), M. Vaudin, President of the General Association (retail), and M. Leprince (manufacturer of proprietaries), and the ball went off at the Salon des Galeries des Champs-Elysées with an *éclat* which will probably encourage our young friends and future successors to repeat the experiment. The Minister of Public Instruction sent a representative, M. Bariller represented military pharmacy, and M. Schmidt (the pharmaceutical M.P.) was present, as well as M. Doucedame, who is President of the Union of Dental Surgery Students.

Pharmacy Congress.—The International Congress of Pharmacy is to be held in Brussels in 1910 from September 1 to 5. The secretary is Dr. A. Schamelhout, 12 Rue Malibran, Brussels, and he is prepared to receive applications for membership. The subscription is fixed at 20f. for ordinary members, 50f. for honorary members, and 10f. for ladies. The Congress is being organised by the Chambre Syndicate de Pharmacie, the Fédération Belge des Unions professionnelles de pharmaciens, and the Société Royale de Pharmacie de Bruxelles, and the King of the Belgians has granted his patronage. There is an International Exhibition in Brussels at the same time. The last International Congress of Pharmacy was held in Paris in 1900. It is intended to confine the deliberations of the Congress to questions of a strictly international character, and not to discuss purely national affairs.

Westminster Wisdom.

A Record of Parliamentary Progress.

Spirit-rebate to Chemists and Druggists.

In the House of Commons on Monday afternoon upwards of forty questions on the subject of the proposals contained in the Budget were addressed to the Chancellor of the Exchequer. Among these was one by Mr. Harrison-Broadley, who desired to know whether the right hon. gentleman would consider the advisability of allowing a rebate to chemists and druggists on the tax upon spirits, which he had done in other branches of the trade, in view of the fact that their livelihood would be seriously affected by the increased duty, on account of the fact that their tinctures and preparations were made of 90 to 95 per cent. pure spirit. Mr. Lloyd George, in reply, said he could only refer the hon. gentleman to the reply on the same subject which he gave to the member for Mid-Armagh on May 6 (see *C. & D.*, May 8, p. 697).

Spirit-duty.

Mr. Robert Harcourt (L., Montrose) asked the Chancellor of the Exchequer on Wednesday if he was aware that a minimum 10 per cent. advance had been made by manufacturers in the prices of spirit used by chemists owing to the increased duty, and whether he was considering possible concessions.

The Chancellor of the Exchequer, in reply, said he was aware that the increase in duty was likely to enhance the cost of spirits to the chemists, and he had undertaken to consider the point, but there are serious difficulties in the way of allowing a special rebate of duty in their case.

Mr. Harcourt has another four questions for May 17, and it is expected in the House that the Chancellor will receive a deputation from chemists.

Petrol-duty.

A number of questions were put to the Chancellor of the Exchequer in the House of Commons on Monday, May 10, as to the duty on petrol and other spirits used for motors. Mr. J. B. Lonsdale asked if it is intended to place a corresponding Excise-duty on Scottish paraffin spirit and British coal-tar benzine and any other home-made spirit capable of being so used, and the Chancellor said the duty on imported motor-spirit is a Customs-duty, and there will be a corresponding Excise-duty. The Chancellor, replying to a supplementary question asking to name the products comprised within the term "petrol for taxing-purposes," declined to do so until the Finance Bill is in the hands of members. [The terms of the motion passed by the House of Commons on April 29 covers "other spirits."—Editor.] Sir William Bull asked the Chancellor how petrol used for such industrial purposes as cleaning is to be rated, and in reply the Chancellor said :

The Board of Customs and Excise are considering by what means it will be possible to enable persons entitled to use petrol duty free or at a reduced rate of duty to obtain it with the least amount of inconvenience consistent with the safeguarding of the Revenue. It would assist the Board in their consideration if authorised representatives of the various interests concerned would place themselves in communication with the Board. Some little time will, I believe, elapse before the stock of duty-free petrol already in the country is exhausted. Till that time no claim to rebate can arise, as it will only be payable on petrol in respect of which it is proved to the satisfaction of the Board of Customs and Excise that the duty has been paid. Petrol now being supplied, whether for industrial purposes, or for use in taxicabs, motor-buses, and commercial vehicles, is from stocks on which no duty has been paid. It is clear that any extra charge of 3*d.* at the present time is merely a device for obtaining a profit out of the duty, and certainly if petrol were supplied at a price under a contract an addition to the price by reference to the new duty could under Section 10 of the Finance Act, 1901, only be made in respect of petrol upon which the duty has been paid.

Mr. Joynson-Hicks also elicited that there will be a rebate of the whole duty on petrol used for all purposes other than the propulsion of motor-cars. Replying to Mr. Lonsdale again, the Chancellor stated that the imports of petroleum spirit—that is, the lighter products of petroleum, including benzine, naphtha, gasoline, motor-car spirit, petrol, etc.—were 11,972,459 gals. in 1904, 18,658,391 in 1905, 26,792,687 in 1906, 33,536,739 in 1907, and 41,897,995 in 1908. Asked by Mr. Harold Cox what instructions officials are acting on in order to levy this particular duty, the Chancellor said : As a matter of fact, the officials have not up to the present time levied a single penny, although I understand that the charge for petrol has gone up. (Laughter.) A further crop of questions arose on Tuesday, and were answered by Mr. Lloyd George. Mr. G. Renwick, and Sir S. Scott asked about the rebate on petrol, and the Chancellor assured them that the duty would not be refunded except where proof was given that it had been paid. Subsequently Mr. Renwick informed our Parliamentary representative that his question related to the dye-works on Tyneside, who had been charged the duty but they had no *locus standi* in getting the rebate.

No Increased Wine-duty.

The Chancellor of the Exchequer once more assured Mr. Fell on Tuesday that he does not propose to alter the existing scale of Customs duties on wines.

Deaths under Anæsthetics.

Mr. Herbert Gladstone was asked in the House of Commons on Monday by Dr. G. J. Cooper, whether he would state the number of persons who died while under the influence of an anæsthetic in the years 1907 and 1908 respectively, and whether any, and if any how many, persons died while under the influence of nitrous oxide during the last five years. The Home Secretary subsequently sent a written reply to the hon. member, in which he said that the following are the only figures that can be furnished at present. They relate only to England and Wales, and concern the deaths of persons returned on the medical and coroners' certificates as due to anæsthetics administered for surgical purposes :

Year	All Anæsthetics (including Nitrous Oxide)	Nitrous Oxide
1903	... 146	5
1904	... 156	1
1905	... 155	1
1906	... 183	3
1907	... 186	3

The figures for the year 1908 are not yet available.

Fertilisers and Feeding-stuffs Act.

In the House of Commons on Monday, Mr. G. Lane-Fox asked the representative of the President of the Board of Agriculture whether the attention of the Board had been directed to the decision in the case of Needham & Co. *v.* the Worcestershire County Council, and whether they proposed to take any steps to secure the greater efficiency of the Fertilisers and Feeding-stuffs Act. Sir Edward Strachey, replying for Earl Carrington, said the attention of the Board had been called to the decision, but for reasons which he should be glad to explain to him personally they did not think it was likely to affect the working of the Act generally. If it did, they would take further steps in the matter.

Agricultural and Horticultural Poisons.

The Home Secretary was asked in the House of Commons on Tuesday afternoon by Mr. F. W. Chance whether, in view of the uncertainty which exists among various local authorities in the country in considering applications for licences to sell the poisonous substances referred to in the Poisons and Pharmacy Act under Section 2, Sub-section 2, especially in boroughs which are to a large extent agricultural and where there are several chemists carrying on business, he will consider the advisability of issuing a circular to the local authorities with reference to their powers in granting licences to agricultural merchants and seedsmen who have for many years dealt with the various poisonous substances in the way of their business. In a written reply to the hon. member, the Home Secretary said that the regulations recently made under this section of the Act appeared to cover the point raised with sufficient clearness, and they had been communicated to all the local authorities concerned. The Secretary of State had no reason for thinking that the issue of such a circular was necessary.

Legal Reports.

Trade Law.

Clove Contract.—In an action before Sir F. Bosanquet, K.C., Common Serjeant, and a jury, in the City of London Court on May 6, Mr. H. Strong, carrying on business as Herbert Strong & Co., Mincing Lane, brokers, sued Mr. Macleod, late buyer for the Home and Colonial Stores, for 468*l.* 9*s.* 8*d.*, money alleged to have been paid for the purchase of cloves on the Mincing Lane Market at the defendant's request. The contract agreement contained the condition that, in the event of the market price going down, double the quantity had to be taken. This happened, but the defendant failed to provide the funds, and plaintiff had to pay the money to the broker. Hence the action, which was settled without calling upon the jury.

Oxford Wine-licences. The Lord Chief Justice, Mr. Justice Darling, and Mr. Justice Jelf, sitting in the King's Bench Division of the High Court, gave judgment last week in the case of Roberts *v.* Twining and others, which was an appeal against a case stated by the Justices at Oxford respecting the sale of a bottle of sweets or made wine (orange wine) without a sweets licence. The appeal was by the Commissioners of Inland Revenue, and it appeared that the Oxford University has power, dating from a Charter granted by Edward III., to give licences to tradesmen in Oxford for the sale of wine. This privilege is exercised by the Oxford Justices, and the Commissioners of Inland Revenue contended that the licence so granted covers the sale only of foreign wine, as no other existed at the time that the privilege was originally obtained. The Court, however, by a majority held that the licence covers the sale of sweets. The Lord Chief Justice, in giving judgment, said: "The argument may, I think, be shortly stated as follows: By the law as it has stood since 1875 all persons lawfully holding wine-licences are entitled to sell, without further payment, British-made wines; for many years before that date the term "wines" would include British-made wines, subject only to the difference of the rate of charge for a licence in the one case or the other. If the Attorney General could establish that the licence by the University of Oxford was void or too wide in its terms, then different considerations would arise: but assuming, as we must, that the licence as issued is valid, in my opinion the Crown has failed to establish their claim to an extra duty."

"Manufactured and Sold by."—At the Swansea County Court, on May 12, before Judge Bryn Roberts, Mr. Arthur Davies Williams, commercial traveller, of 107 Hamilton Terrace, Swansea, claimed from Bell & Sons, Ltd., wholesale druggists and chemists, of Lydia Ann Street, Liverpool, 97*l.* 15*s.* 7*d.*, balance of commission and salary said to be due on sales effected amounting (less 53*l.* 12*s.* 2*d.* goods returned) to 2,008*l.* 1*s.* 11*d.* up to June 30, 1908, under an agreement made between the parties dated March 28, 1907. It was stated that it was a friendly action to decide points in dispute, the parties being still in the position of master and servant. Mr. D. Villiers Meager (instructed by Mr. Ed. Harris) appeared for plaintiff, and Mr. W. Proctor (instructed by Messrs. Ayrton, Radcliffe, & Wright, Liverpool) defended. At the outset there was a disposition on the part of his Honour to refer the matter to the Registrar for the taking of an account, and it was explained that the agreement provided for a commission of 20 per cent. on "accounts paid," and also that the goods must be of Bell's manufacture and sold by them. Mr. Meager asked that the latter clause should be construed as meaning "manufactured or sold," as there were many things manufactured and sold by the defendants in the sense that they were made up and compounded by them. Mr. Proctor urged that since June 30 plaintiff had been paid 5*l.* a week in advance, and if an account were taken and it was found that plaintiff had been paid more than his total claim up to June 30, then the point as to the nature of the goods sold would not arise. It might have to be settled in any subsequent claim.—Mr. Meager said that this was shirking the whole point.—Mr. Proctor: You ought not to say that: we don't wish to shirk anything. We are not bound to pay the plaintiff until the money has been duly received from the respective purchasers. Is that agreed? Mr. Meager: I think that is agreed. Mr. Proctor: Then if on the taking of an account it is found that we have paid more than the claim, the other question doesn't arise. His Honour suggested that the Registrar should be asked to say how much was due in respect of goods manufactured or sold and how much was due on goods sold which were of Bell's manufacture. If defendants had paid more than the claim he did not think the second point arose. The plaintiff then gave evidence, and was followed by Mr. Thos. Rees, manager of Messrs. David Jones & Co., druggists, Liverpool, who was called by the defendants, and spoke to the profits on "outside lines," and said it was customary to permit agents to sell these at a usual commission of 5 per cent., because it created other business. Ultimately his Honour said he was willing to find in plaintiff's favour that the goods were manufactured and sold if they were treated as defendant's manufactures. Mr. Meager said it came back to the point that what was meant was goods manufactured "or" sold. His Honour: I don't think so; I can't disregard these words where it has been held previously that there was a distinction. After further argument his Honour held that the agreement restricted plaintiff, and that 5 per cent. was a reasonable commission (as offered by defendants) in respect of the sale of outside goods. The matter was then referred to the Registrar for account up to March 31 last.

High Court Case.

"Perfection" Soap Trade-mark.

Mr. Justice Swinfen Eady commenced the hearing, on May 10, of the appeal by Messrs. Joseph Crosfield & Sons, Ltd., soap manufacturers, Warrington, against a refusal of the Comptroller of Trade-marks to register their trade-mark "Perfection." Messrs. Lever Bros., Ltd., who opposed the application to the Registrar, appear as respondents in the appeal. The hearing is proceeding day by day.

City Court Case.

Non-disclosed Secrets.

In the City of London Court on May 11, before Judge Lumley Smith, Mr. George G. Schobert, manufacturing chemist, 253 Barcombe Avenue, Streatham, sued the Schobert Patent Compositions, Ltd., 150 Leadenhall Street, E.C., to recover the sum of 16*l.* 13*s.* 4*d.*, one month's salary. Defendants counterclaimed 500*l.* damages for breach of contract. The facts, briefly, were that plaintiff (formerly of Birmingham) patented a paint for ships' bottoms, and arranged with Mr. Hugh Rennie to form a company (the defendants) to work it. He was to receive 2,000*l.* a year and 5 per cent. commission. This agreement was come to in November last, and shortly after plaintiff had commenced work the company announced that they would pay him no more salary. Hence the action. The evidence adduced referred chiefly to the composition of the paint, and it transpired that the directors of the company complained that the plaintiff did not disclose the secret of the admixture of the paint, this being the cause of the trouble, and contrary (the directors said) to the agreement. His Honour, in giving judgment, said the plaintiff was entitled to his salary, and allowed the claim, with costs. The counterclaim would be excluded. He noticed that the directors had decided to bring an action against the plaintiff for the amount of the counterclaim. That would be the best course to adopt.

Pharmacy Act (Ireland).

What is a Medical Prescription?

At Belfast Police Courts on May 10, a summons was brought by the Pharmaceutical Society of Ireland against James Guthrie, druggist, 271 York Street, for having, on March 18, kept open shop for compounding medical prescriptions contrary to the provisions of Section 30 of the 1875 Act, he not being a person duly qualified in that behalf according to law. Two further summonses charged the defendant with having kept open shop for retailing medical prescriptions contrary to the same section, and with having sold medical prescriptions on the same day. Mr. Joseph Donnelly, solicitor, appeared to prosecute for the Society, and the defendant was represented by Mr. Thomas Campbel, B.L. (instructed by Mr. John Graham). The Magistrates on the Bench were Messrs. Garrett Nagle, R.M. (Chairman), W. S. Rimmer, and J. C. C. Payne, J.P., Ph.C., but when the cases were called on Mr. Payne intimated that he would not adjudicate. Mr. Campbell said he had no objection to Mr. Payne adjudicating, but his Worship replied that he would sooner not. The hearing by the other Magistrates was then proceeded with.

Mr. Donnelly, in opening the case, quoted the sections of the Act giving the Society power to prosecute, and said that the summonses against Mr. Guthrie, charging three separate offences, were all concerned with the one circumstance. Mr. Guthrie carried on business as a druggist, and on March 18 the Society's inspector brought a boy to his premises and gave him a prescription which he had received at one of the hospitals from a medical doctor. He sent the

boy into the shop and asked the defendant to make up the prescription for him. Defendant said he would, and asked the boy to come back in an hour, when it would be ready. The boy returned in an hour and a half, paid the defendant one shilling and received the bottle. He was leaving the shop when the inspector stopped him and took him back to Mr. Guthrie, who admitted that he had compounded the prescription and sold it to the boy. On that branch of the case, however, there was no room for doubt, for the defendant wrote to the Society admitting the offence and asking that no prosecution be instituted in respect of it. The Society could not see their way to comply with the request, because they regarded offences of that character as serious and directly affecting the interests of the general public. Things would, however, reach the ears of persons for whom they were not intended, continued Mr. Donnelly, and it had been mentioned to him during the past week by the inspector that one of the defendants—for there were other cases coming on—intended to rely on the defence that this was not in law a medical prescription because it was not signed with the full name of the doctor and only bore his initials. He did not know whether Mr. Campbell intended to argue that point or not, but at all events it was not well founded. So long as the document brought into the shop was a document bearing the name of certain drugs which required to be compounded, and had been signed by a doctor, that would appear to him (Mr. Donnelly) to be beyond all controversy a medical prescription. Even if it were not signed, it would occur to him that a druggist would have no right to compound these things at all, because that was purely the business of a chemist, and consequently an offence would be committed whether the document had been signed by a medical man or not. Apart from that altogether, there was clear evidence in the case, because Mr. Guthrie, after he was challenged, treated the matter as if it were a medical prescription, and said he was sorry for having offended.

Mr. Campbell, for the defence, said that he apprehended the ruling in the case of Mr. Guthrie would govern the rulings in the cases of the other defendants. Mr. Guthrie had been in business for many years, and this was the first prosecution against him. As regards the facts of the case, there was no substantial controversy, for Mr. Donnelly's statement was correct. As to the prescription itself, it was on one of the forms of the Mater Hospital, and had the name of Dr. Maguire printed on it, and the formula was signed "W. J. M.," which were the initials of the doctor. His client had the idea, and so had the other gentleman for whom he appeared in the next case, that the term "medical prescription" might not apply to a form of the prescription in this case. Under the Act there was no definition of a medical prescription.

The Chairman : Was it initialled by the doctor?

Mr. Campbell : Undoubtedly.

The Chairman : I think you rarely see the full name.

Mr. Campbell : I myself took the view that it is a medical prescription ; but there is this to be said in favour of my client's contention, that under the Act of 1868 the term is properly defined, and in the 1875 Act it is not : that might account for the view they have got into their heads. Counsel, proceeding, said he was told that it was very common for students at the hospitals to fill up these forms, and his clients had the view that if an ordinary simple prescription were signed by a layman they would be at liberty to compound it. The prescription in this case was very simple, and was for a cough. It contained something about paregoric, and was as mysterious as these documents usually were. (Laughter.) He would be obliged, in view of the course he had taken—and it would be a matter of importance—if his Worship would give some instruction of what he thought a medical prescription under the Act was, for he did not think the case would go beyond that Court.

In reply to Mr. Donnelly, Mr. Campbell said he did not intend to contest the case.

Mr. Donnelly thereupon said that if the defendant would plead guilty to one charge his instructions were to withdraw the other two. Those druggists who entertained the opinion that they were entitled to compound what Mr. Campbell had so well described as medical mixtures even without a signature should know that the Society would prosecute them if they did so. In Mr. Guthrie's case the Society thought that he, being only a druggist, had no right to have above his place of business the words "Medical Hall." He had been instructed to draw attention to that if the case had been fought, but the defendant fortunately had exercised a wise discretion, and the result was that he was not obliged to say anything more about that. They did not think the defendant was entitled to do so, because it held out to the public that his was a place where medical prescriptions could be compounded, and they thought a serious injustice would be done to the profession of chemists if it were allowed to continue. The Society were very anxious that it should be recognised throughout the city that the practice which obtained among some druggists of compounding medical prescriptions was one that was exceedingly dangerous to the public, and that only properly qualified men should be allowed to do so.

Mr. Campbell said he was not to be taken as saying that in that particular case his client thought they were entitled to compound laymen's prescriptions, but that opinion prevailed among some druggists in the city. With reference to the words "Medical Hall" it was true Mr. Guthrie used them, but they were in almost universal use by druggists in certain parts of Ireland. They said they had a right to use them, and until the superior Courts decided it was not legal they would stand by the custom. That point did not, however, arise now.

Inspector McGlennon having formally proved sending a boy to the defendants with the prescription,

Mr. Donnelly said he would take a conviction on the summons for keeping open shop for compounding, the penalty for which was 5*l*.

Mr. Nagle, R.M., in announcing the decision of the Court said it would appear to be very necessary for those who were not duly qualified pharmaceutical chemists to be wary as to the documents which were presented to them. The document in that case on the face of it was a medical prescription initialled by a duly qualified medical practitioner, and there could scarcely be any doubt in the mind of the person that it was a medical prescription. The defendant would be fined 5*l*., and it behoved those who were not pharmaceutical chemists to be very wary.

On the application of Mr. Donnelly, one-third of the penalty was awarded to the inspector, and the balance to the Registrar of the Society. 1*l*. costs was allowed.

The Magistrates then heard three summonses of a similar nature against Moore Wilkinson, registered druggist, 124 North Queen Street and 1 Duncairn Gardens, Belfast, in respect to alleged offences on March 18. Mr. Donnelly said that the cases were exactly the same, and Mr. Wilkinson, he understood, admitted the offence. Mr. Campbell on behalf of the defendant said he was not actually present himself when the mixture was sold. It was sold by an apprentice, and contrary to orders. Mr. Wilkinson regretted that the mixture should have been sold. He was a traveller himself for a leading firm in the city, but he was liable for the act of his apprentice. That was the law in England, and he (counsel) supposed it applied to Ireland also. His client had instructed him to act straightforwardly in the matter, and he would not contest the case. He had no desire to poach on the preserves of chemists. Inspector McGlennon having given formal evidence, the Magistrates imposed a fine of 5*l*., and 1*l*. costs, on the summons for keeping open shop for compounding, the others being withdrawn.

In the next case James Macauley, registered druggist, 18-20 Holywood Road, admitted having compounded the prescription and sold it to the boy ; and Mr. Beattie, for the defence, said that this was the only case since Mr. Macauley began business as a registered druggist that he ever compounded a medical prescription. Mr. Donnelly : I am afraid he should not say that. If that were so we should not have brought a prosecution. Mr. Beattie replied that on several occasions he had refused to compound medical prescriptions, and it was well known to several members of the Council of the Pharmaceutical Society in Belfast that he confined himself strictly to his own business. In that case he pleaded guilty. Mr. Donnelly said that the Society would not institute a prosecution against a man who had only compounded one

prescription. Defendant admitted to the Society that "this was only the second one he had prepared for a long time, and that he was sorry." The defendant was fined 5*l.*, and 1*l.* costs.

Dentists Act.

Adjourned Case.

In the Dublin Southern Police Court on May 11, Mr. J. Byrne, 36 Talbot Street, Dublin, answered to two summonses under Section 3, taken at the instance of the Irish Branch of the British Dental Association. Mr. Alfred Coffey, B.L. (instructed by Mr. John Gore, solicitor), applied for an adjournment until May 18, which was granted. The case is in regard to alleged illegal use of descriptions or titles.

"American Dentist."

At Lambeth Police Court before Mr. Hopkins on May 11, E. L. Robertson, of Brixton Road, was fined 10*l.*, and 2*l.* 2*s.* costs, for infringing Section 3. The British Dental Association, who prosecuted, proved that the defendant is not registered under the Act and that he exhibited on his premises plates with the inscriptions, "E. L. Robertson, D.D.S., late U.S.A.," and "E. L. Robertson, D.D.S., American Dentist." It was stated on behalf of defendant that he graduated at Ohio after four years' practical study.

"Teeth Specialist."

At the North London Police Court on May 11, before Mr. D'Eyncourt, Howard Bennett, 11 Clapton Passage, Hackney, was summoned, under Section 3, at the instance of the Society of British Dentists, for using the following description:

> Artificial teeth painlessly fitted. Teeth carefully extracted. Howard Bennett, English and American teeth specialist.

Mr. C. V. Young, for the Society of British Dentists, said that the summons had been adjourned for a fortnight, as defendant wished to make some overtures to the Society, which had, however, come to nothing. Defendant had been previously summoned and fined, since which time, in certain small letters, the words had been added to the plate containing the description, "Not registered under the Act of 1878." Counsel submitted that "Teeth Specialist" is a description which it is illegal for an unregistered person, such as defendant, to use. The Magistrate indicated his assent, and after evidence for the prosecution, defendant said the words "Not registered under the Act of 1878" were put up directly after the Magistrate's previous decision. He did not imply that he was registered or that he was specially qualified. He had taken down everything that was complained of at the last prosecution. Mr. Young remarked that defendant was fined 10*l.*, and three guineas costs, in March, and the Magistrate now imposed a penalty of 20*l.*, and five guineas costs, or in default of distress three months' imprisonment.

County Court Cases.

Lung-bells.

Sheriff Campbell Smith was engaged for some hours at the Sheriff Court-house, Dundee, on May 7, hearing the case of J. E. Garratt *v.* Davidson & Gray. The dispute arose over a postal agency for the sale of lung-bells. It appears that the defenders gave to pursuer's representative a signed order for one dozen; that the pursuer provided circulars which the defenders were to address and post to likely customers, a second circular or follow-up to be sent a week after. Before many of the circulars had been sent out, the pursuer advised defenders that they should not send out any more circulars, as he was finding the results so far were disappointing and the reception by the public cold—or "a frost"—and that pursuer had another scheme to make them go. Some months after, pursuer's representative called on defenders; and, as there seemed to be no prospect of the lung-bells being sold, a deal was proposed, and defenders agreed to accept vibrators, new skin, and other goods to the value (20*l.*) of the lung-bells. This offer when submitted to pursuer, he declined to confirm, insisting that defenders should accept twenty-four vibrators in exchange for twelve lung-bells. Defenders declined, and returned the lung-bells, hence the action for payment of 20*l.* 3*s.* 2*d.* Mr. Garratt and his representative, Mr. Harrison, were present in court. Mr. Baxter, agent for pursuer, asked for a shorthand writer to take full notes, as it might be a test case. The Sheriff allowed this at pursuer's cost in the first instance. Mr. Garratt then entered the witness-box and gave his account of the transaction in reply to questions. The Sheriff asked to see a lung-bell, but none was produced—he was provided with booklet. After examination had gone on some time, Mr. Garratt asked: "Am I just to answer questions?" Asked by Mr. Smith (for defenders) what was the cost-price of lung-bells, the Sheriff said he need not answer that. Then said Mr. Garratt: "I decline to answer." Mr. Harrison followed in the witness-box, and spoke to interviews with Mr. Gray, and to the signing of contract produced. For the defenders, the Rev. Mr. White, Perth, a customer of Davidson & Gray's, said his attention was drawn to circulars about the lung-bells and he made several applications for the free treatment advertised, but failed to get any reply from Mr. Garratt. He suffered from nasal catarrh, and wished to try before buying. Mr. James Anderson, chemist, Dundee, spoke as to the meaning of a postal agency, and Mr. Wm. Cummings endorsed his views, and said he considered the terms of the agency had been cancelled when Mr. Garratt advised that no more circulars be issued. Mr. Jolly, chemist, with Davidson & Gray, spoke to his efforts in pushing lung-bells and distributing circulars, which were unsuccessful in selling any. He had not been paid commission for his services as promised on Mr. Garratt's behalf by Mr. Harrison. Mr. John Gray told how he had sent a lung-bell to a medical gentleman (Dr. Chas. Moon) for a two-nights' trial. The doctor said he thought a penny whistle would be of as much use as the lung-bell. Mr. Gray admitted he did not read the agreement before signing. Mr. Harrison spent an hour with him; his patience was exhausted, and he had to leave hurriedly for another appointment. He had not paid for the lung-bells at the date fixed on the contract because, on advice of Mr. Garratt, the circularising had not been carried out. The agents having addressed the Sheriff, he intimated he would take the case to avizandum.

[We are informed that an amicable arrangement between the parties has since been arrived at.—Editor *C. & D.*]

Chemist Sues for Lecture-fees.

In the Shoreditch County Court on May 6, before Judge Smyly, K.C., an action was set down for hearing in which Thos. Henry Morris, 7 Milmont Road, Kilburn, chemist, sued Henry Stone, Vermont College, 118 Downs Park Road, Clapton, headmaster, to recover 5*l.* 19*s.* 6*d.* for lecture-fees and instruction in chemistry. When the case was called on Judge Smyly said the paper was marked "application as to costs," but as neither of the parties answered to his name the case would be struck out.

Chemist and Doctor.

At St. Austell County Court on May 10, before Judge Granger, Mr. George Findlay, chemist and druggist, Fowey, sued Dr. Sidney Morse, also of Fowey, for 13*l.* 17*s.* 2*d.*, balance of account for goods sold. There was a counterclaim of fifteen guineas for professional attendance. Mr. Berkeley Dobell, on behalf of defendant, admitted the claim, and said his client would consent to judgment. Plaintiff repudiated the counterclaim, except for two visits, for which he offered 10*s.* Evidence was then given by Dr. Morse and Dr. Wordell in respect to the counterclaim, which was for forty-seven visits, Dr. Morse stating that Mr. Findlay had a "special disease" of the eyes. Mr. Findlay denied that the doctor visited him more than twice. Dr. Cann gave evidence on his behalf. His Honour, in giving judgment, said it was a most unpleasant case and extremely difficult to decide, but he had come to the conclusion that the counterclaim was an exaggerated one. He thought defendant had made a charge simply at a venture in order to cover the bill Findlay had against him. He gave judgment for 13*l.* 17*s.* 2*d.* for plaintiff on the claim, and judgment for defendant for 7*l.* 7*s.*, with costs, on the counterclaim.

Bankruptcy Reports.

Re Chas. Hubert Millard, Church Street, Eccles (Lancs), Patent-medicine Maker.—At Salford County Court, before Judge Parry, on May 4, this debtor applied for his discharge. The public examination of the debtor was reported in the *C. & D.*, February 15, 1908, p. 255. Debtor had been in business as an artificial-teeth manufacturer at Wigan, Preston, Hindley, and Eccles successively; in the last place as Millard & Co. In 1906 he began the manufacture of "Millard's neuralgia mixture," and got into litigation with Sell's Advertising Agency, Ltd., losing in all the courts. The liabilities were scheduled last year at 650*l.* 19*s.* 10*d.*, with assets 6*l.* 5*s.*, but it was now reported that a dividend of 3*s.* 2⅞*d.* had been paid on 110*l.* 8*s.* 7*d.* The Official Receiver informed his Honour that debtor had been guilty of offences, the object of which was to defraud his creditors in respect of his furniture. The Judge said it was a bad case, and he suspended the discharge for six years. [A company, C. H. Millard & Co., Ltd., was formed in 1907, with a capital of 1,500*l.*, to take over Mr. Millard's business. See *C. & D.*, February 9, 1907, p. 187.]

Re John Francis Jeffrey Cammack, 16 St. Margaret's Mansions, Fulham Cross, lately carrying on business at 153 Dawes Road, Fulham, Chemist.—This case came before Mr. Registrar Gifford at the London Bankruptcy Court on May 12. The debtor filed his own petition on February 26, and subsequently attended before the Departmental Examiner for investigation of his affairs. He commenced business in 1886 and traded until April 1908, when a distress was levied for rates and the whole of the goods removed. Bad trade and competition were the reasons assigned for the failure. Mr. E. Leadam Hough, Senior Official Receiver, now reported that the debtor was not in attendance, nor had he complied with the order of the Court made on the last occasion and lodged the statement of his affairs. Under those circumstances he asked for the public examination to be adjourned *sine die.* His Honour made an order in those terms. The following proofs of debt have been tendered, viz.: Bell & Co., Hills Place, Oxford Street, W. (10*l.* 14*s.* 5*d.*); Yardley & Co., Ltd., Stratford (19*l.* 13*s.* 4*d.*); John Morgan, Davis & Sons, 39 Bishopsgate Street Without, E.C. (8*l.* 8*s.* 9*d.*); income-tax (10*l.*); London and Weston Loan and Discount Co., Ltd., St. Martin's Lane, W.C. (13*l.* 17*s.* 3*d.*).

Re Morgan James, Llanelly, Chemist.—The first meeting of creditors was held at Carmarthen on May 8. The liabilities amount to about 1,600*l.*, and among the proofs admitted are David James (brother), 600*l.*, and 345*l.* due on promissory note; Lloyd's Bank, 100*l.* Debtor said he borrowed money from his friends to buy the business, and when these people pressed him his brother paid them, and he gave him a note instead. The amount originally advanced by his brother was 400*l.* The Official Receiver examined debtor with a view to showing that the 945*l.* alleged to be due to his brother was really the 1,000*l.* borrowed, less a composition paid, when he compounded with his creditors in 1898, but debtor denied that his brother was approached at all at the time, and said only the trade creditors were consulted. His brother never received a farthing. At that time his liabilities were 4,423*l.* The Official Receiver: Here is a debt which has been in existence since 1885. In the meantime, in 1898, there is a composition, and in the statement issued on behalf of Mr. James to the creditors this sum of 1,000*l.* is shown. It was a matter for investigation whether debtor scheduled his brother, and whether his brother is not barred now; whether, the debt having been reduced to 945*l.*, the real difference between 1,000*l.* and 945*l.* does not represent the composition paid. He only stated that 1,495*l.* due to Gwilym Evans was going to be forgone. Therefore on the face of it the statement meant that the 1,000*l.* of the trade creditors came into the composition. As a matter of fact he did not make a full disclosure if he has not paid his brother anything. Mr. Bramwell Jones (debtor's solicitor) said it was a question whether the brother said he would forgo his 1,000*l.* as well. The Official Receiver said it was a material fact to be put before his creditors that he owed his brother 1,000*l.* and 1,495*l.* to Gwillym Evans, and that if the creditors accepted 7*s.* 6*d.* in the pound these people would forgo their claims. It was a material inducement for them to accept the composition, because he stated if these people came in he could only pay them 2*s.* in the pound. Debtor denied that Mr. Collins, of Bristol, was trustee on that occasion. He never saw the man, did not know him, and never heard from him.—The Official Receiver said the debtor must be prepared to give fuller particulars at his public examination. The following are creditors: Corbyn, Stacey & Co., Ltd., London (12*l.*); David James & Co., Llandovery (600*l.*); J. R. James, Llandovery (30*l.*); Lawes' Chemical Manure Co., Ltd., London (21*l.*); Nutting & Son, London (15*l.*); Quinine Bitters Co., Ltd., Llanelly (80*l.*); Willows, Francis Butler & Thompson & Co., Ltd., London (30*l.*); and Jas. F. Wilkinson, Pendleton (10*l.*). At the public examination of the debtor on May 12 he was questioned as to his borrowings, and in the end the examination was adjourned in order that he might furnish a list of friends from whom he had borrowed money, together with a cost account.

Gazette.

Partnerships Dissolved.

Johnstone, J. L., and Browne, F. H., physicians, etc., Upholland and Pemberton, Lancs, under the style of Johnstone & Browne.

Simmons, M., and Simmons, N., extractors of teeth, etc., Leicester, under the style of Lloyd Brothers.

The Bankruptcy Acts, 1883 and 1890.

Receiving Order.

Kapp, Christian Gabriel Belkhesar, Gateshead, Durham, general medical practitioner.

Adjudication.

Wills, George Sampson Valentine, Clapham Road, London, S.W., professor of chemistry.

Receiver Appointed.

Karsam Soap Co., Ltd.—Mr. H. Button, 49 Victoria Street, appointed receiver on April 26.

Liquidations.

Carboy Hamper Co., Ltd.—The report of the liquidator, to be received at 20 Kennedy Street, Manchester, on June 10, at 3 p.m.

Emmotland Chemical-works Co., Ltd.—To be voluntarily wound up. Liquidator, Mr. H. H. Bobart, 22 Basinghall Street, London, E.C. Meeting of creditors at the above address on May 17, at 2.30 p.m.

London Sponge and Chamois Leather Co., Ltd.—The report of the liquidator, Mr. T. Dudley Cocke, to be received at a meeting at 44 Gresham Street, London, E.C., on June 2, at 11 a.m.

Newcastle-upon-Tyne and District Aerated-water Co., Ltd. To be voluntarily wound up. Liquidator, Mr. Thos. Gillespie, C.A., 40 Westgate Road, Newcastle-upon-Tyne.

West Birmingham Drug Co., Ltd.—The report of the liquidator, Mr. J. Wood Massey, to be received at a meeting at 50 Cherry Street, Birmingham, on June 3, at 6 p.m.

New Companies and Company News.

The letters P.C. mean Private Company within the meaning of the Companies Act, 1907, and R.O., Registered Office.

David McDowall, Ltd. (P.C.).—Capital 500*l.*, in 1*l.* shares. Registered at Edinburgh. Objects: To acquire and carry on the business of chemists, druggists, etc., carried on by Mr. David McDowall. Subscribers: D. McDowall, chemist, 456 Paisley Road West, and Alexander Thomson, chemist, 2 Porter Street, Govan. R.O., 456 Paisley Road West, Govan, Glasgow.

Hanley Chemical Manufacturing Co., Ltd. (P.C.).—Capital 2,000*l.*, in 1*l.* shares. Objects: To acquire the business carried on by P. A. Longman and J. E. Longman at Northwood, Hanley, as "Longman & Co.," together with the trade-mark "Hæmophosph," and to carry on the business of manufacturers of a preparation known as "Compound liquid hæmoglobin," chemists, druggists, dentists, opticians, etc. The first subscribers are H. E. Moody, Tunstall, Staffs, solicitor; P. O. Longman, 129 Victoria Road, Stoke-on-Trent, manager; and W. Cooke, 111 Market Street, Hanley, beerseller. Registered office, 93 Keeling's Road, Northwood, Hanley.

Hugh Marshall & Co., Ltd. (P.C.).—Registered in Dublin. Capital 1,000*l.*, in 1*l.* shares. Objects: To take over the business of a wholesale and retail druggist and teeth specialist carried on by Hugh Marshall. The first subscribers are H. Marshall, 6 Edlingham Street, Belfast, registered druggist, and F. J. Marshall, 18 Gainsborough Drive, Belfast, commercial traveller. Registered office, 2 York Road, Belfast.

Radium Specialities, Ltd. (P.C.).—Capital 1,000*l.*, in 1*l.* shares. Objects: To carry on any operations connected with radium. The first subscribers are Mrs. L. H. Baxter, 63 Pem-

berton Road, Harringay, N.; S. B. Baxter, 63 Pemberton Road, Harringay, N., engineer; and Ellen M. Knight, 21 Oxford Road, Stroud Green, N., professional nurse.

R. Ellis & Son, Ltd. (P.C.).—Capital 25,000*l.*, in 1*l.* shares. Objects: To take over the business of mineral-water manufacturers carried on at Ruthin, Denbigh, and elsewhere as R. Ellis & Son. The first directors are R. G. Gregson Ellis and W. S. Gregson Ellis (chairman and managing director). R.O., Murog Street, Ruthin, Denbighshire.

Johnson Brothers, Crewe, Ltd. (P.C.).—Capital 5,000*l.*, in 1*l.* shares. Objects: To adopt an agreement with B. Johnson, Harold Johnson, and E. Johnson, trading as "Johnson Brothers," at Wrine Hill, near Crewe, and to carry on the business of manufacturers of and dealers in medicines, ointments, liniments, and medical preparations and drugs, chemists, druggists, herbalists, etc. The first directors are B. Johnson (chairman and permanent managing director), E. Johnson, and Harold Johnson.

Fuller's Earth Union, Ltd.—The report for the year ended March 31 states that the balance of the profit-and-loss account, after paying the interim dividend on the preference shares, is 5,912*l.* Dividends of 5 per cent. on the preference shares and 8 per cent. on the ordinaries are recommended.

Quinine Bitters Co., Ltd.—The report for the past year states that the net profit amounts to 2,607*l.*, making with the balance brought forward 672*l.* An interim dividend at the rate of 5 per cent. per annum was paid last October, and a further dividend at the rate of 10 per cent. per annum is now recommended.

W. J. Bush & Co., Ltd.—The report for the year ended December 31, 1908, states that after providing for debenture interest, expenses, directors' remuneration, and depreciation, there is a net profit of 13,419*l.*, which, with the amount brought forward, makes a total of 27,396*l.* to be dealt with. After deducting the amount required for dividends on the preference shares there remains a balance of 21,646*l.* The directors recommend to increase the general fund by 2,500*l.*, to increase the reserve against the debt owing by W. J. Bush & Co., Incorporated, by 2,500*l.*, to pay a dividend on the ordinary shares at the rate of 6 per cent. per annum for the year, and to carry forward 9,146*l.* The directors regret to report the death of their late colleague, Mr. Alexander Bush. Mr. Charles Sansom Taylor was appointed to fill the vacancy.

German Chemical Dividends.—The annual report of Gehe & Co., of Dresden, for 1908 states that inclusive of the amount carried forward from the preceding year (160,767m.), and after the sum of 37,183m. had been written off in 1908, as against 43,034m. in 1907, the net profit for 1908 was 393,905m., as against 563,202m. in 1907. After the usual deductions for reserve funds, salaries, etc., a dividend of 14 per cent. was allotted from a sum of 280,000m. The directors attribute the smaller returns to the unfavourable business conditions, but regard the fall as temporary, and think it advisable to bring a sum of only 38,600m. forward to the new account, as against 160,767m. in the previous year. The net profits of the Chemical Works vorm. H. & E. Albert, Biebrich a/R., in 1908 amounted to 6,339,960m., as against 6,246,865m. in the previous year. A dividend of 32 per cent. is announced which is the same as in 1907.—The board of the Chemical Factory Buckau have agreed to a dividend of 12 per cent. for 1908, being the same as in the previous year.

Mortgages and Charges.—The following have been filed at Somerset House: *Softerine, Ltd.* 300*l.* debentures created and issued. *T. H. Walton & Co., Ltd.* Debentures for 300*l.* to J. Stringer. *W. A. Wayland & Co., Ltd.* Particulars of 3,000*l.* debentures created March 23, 1909, 300*l.* being issued on April 22.—*Crown Chemical Works, Ltd.* 2,500*l.* debentures now issued.

Births.

McNaughton.—At Port Elizabeth, on April 15, the wife of D. McNaughton, chemist (K. James & Co.), of a daughter.

Moore.—At Orodell, New Jersey, U.S.A., on April 24 the wife of Thos. H. Moore, pharmaceutical chemist (Eng.) (manager Messrs. Burroughs Wellcome & Co.'s U.S.A. branch), of a son.

Parker.—At 16 Nun's Moor Road, Newcastle-on-Tyne, on May 1, the wife of F. R. Parker, chemist and druggist, of a son.

Sleigh.—At "Hazelhurst," Bercot, on May 11, the wife of Fredk. B. Sleigh, chemist and druggist, the Pharmacy, Willenhall, of a daughter.

Deaths.

Baines.—At Paddington, London, W., on May 1, Mr. William Hebblethwaite Baines, pharmaceutical chemist, aged seventy-nine.

Just.—At Clifton, Queensland, Mr. William Just, chemist, aged fifty-eight. Mr. Just left Newport for Queensland twenty-six years ago, but revisited his native town two or three years ago.

Shand.—At the City Hospital, Aberdeen, on May 11, Mr. Adam Leslie Shand, chemist and druggist, aged twenty-seven. Mr. Shand was a native of Rothienorman, and passed the Minor examination in April 1903. In 1907 he took over the business carried on by Mr. George Stephen at 66 Holburn Street, Aberdeen, when the latter removed to Huntly.

Personalities.

Alderman Joseph Beecham has been appointed a trustee of the St. Helen's Hospital.

Mr. M. H. Stiles, pharmaceutical chemist, has been elected a Vice-President of the Doncaster Scientific Society.

Alderman D. T. Evans, chemist and druggist, Margate, has been appointed an overseer of the poor for the borough.

Mr. Adams, of the firm of Messrs. Adams & Hall, Vryheid, Transvaal, is now, we understand, in England. Should this meet his eye, we have a communication for him.

Mr. Harry Kemp, chemist and druggist, Chorlton-cum-Hardy, Manchester, who has been ill with pneumonia since May 3, is now happily making rapid progress towards recovery.

Mr. W. J. Evans, of the firm of Messrs. McKesson & Robbins, New York, is in London for a few months, and may be addressed care of Mr. A. C. Wootton, 14 Trinity Square, Tower, E.C.

Mrs. Lord Gifford, of Blackburn, was one of the ladies who represented the Blackburn Women's Liberal Association at the Federation of Women's Liberal Associations in London this week.

Mr. J. Hayman, of the Golden Mortar Dispensary, Johannesburg, is now on a visit to London. He will not return home for another month, and part of this time he will spend on the Continent.

Dr. P. Haas, lecturer on chemistry at St. Thomas's Hospital, has been appointed lecturer in physics and chemistry at the Royal Botanic Gardens, Kew, in the place of Dr. F. E. Fritsch, resigned.

Mr. Thomas Tyrer, F.I.C., F.C.S., has been appointed by the Prince of Wales, President of the Royal Commission on International Exhibitions, to be a member of the Chemical Industry Committee of the Commission.

At St. Andrew's Church, Derby, recently, Mr. W. F. Croft, chemist and druggist, Tibshelf, was admitted by the Bishop of Derby a lay reader. Mr. Croft is a member of the Ruridecanal Conference and a sidesman of Tibshelf Church.

Mr. C. S. Loney, managing director of the General Chemical Co., Ltd., the Ammonia Co. of Australia, and the Consumers' Anhydrous Ammonia Co., of Sydney, New South Wales, is now in London, having spent several months in the United States.

Alderman C. J. Wain, pharmaceutical chemist, Red Lion Square, Newcastle-under-Lyme, has been appointed representative governor of the Newcastle Endowed Schools. Mr. Wain will be associated in his education work with Sir Oliver J. Lodge and Dr. Gamble (Manchester University), who are also governors of the Endowed Schools.

We have received further information in regard to the pharmaceutical career of the late Mr. T. H. Bateman, of Finchley Road and Avenue Parade, London, N.W. Mr. Bateman served his apprenticeship with Mr. Tabor, of Salisbury, and coming to London was an assistant with Messrs. Alsop & Quiller, John Bell & Co., Oxford Street, and Waugh & Co., Regent Street. While in London he passed the Minor and Major examinations. He went out

to Shanghai for three years as an assistant to Messrs. Watson, Cleve & Co., and after his return he started in business, in 1879, at Forest Hill, from which he removed to Kilburn and afterwards to Brondesbury, and in 1889 opened the pharmacy in Finchley Road. Ten years ago he assumed as a partner Mr. Herbert S. Watson, who had been assistant with him for some years. Mr. Bateman was for two years a member of the Hampstead Borough Council. He leaves a widow, a son (who is in the Civil Service in Africa), and a married daughter.

Trade Notes.

The Chemists' Co-operative Wholesale, 36 Camomile Street, London, E.C., inform us that, as manufacturers of spirituous medicines, they are in sympathy with the protests against the increased spirit-duty being placed on such preparations.

Messrs. F. Schutze & Co., Black Bull Works, Caledonian Market, London, N., inform us that the material within their new solid soothers is a pure jelly, but is not made from gelatin, as we surmised when writing about this clever new idea last week.

Messrs. T. Howard Lloyd & Co., manufacturing chemists, Leicester, this week return thanks for sympathy extended to them owing to the fire at their premises on April 27. They are rapidly getting everything in order, and are able to give prompt attention to all orders.

Horticultural Poisons.—Messrs. Tomlinson & Hayward, Ltd., Lincoln, call attention to their Eureka weed-killer and Eurekatine fumigant, which are already known to many chemists whom the makers have reported. The present is a suitable time to add these goods to stock.

Horticultural Specialities.—Mr. John Hepworth, horticultural chemist, Loughborough, publishes a list of special insecticides, vaporisers, fumigants, weed-killers, and manures which are to be had through chemists. Chemists should therefore obtain the list so as to make themselves acquainted with Mr. Hepworth's special lines.

Pill List.—The new edition of the price-list of Messrs. Arthur H. Cox & Co., Ltd., Brighton, gives prices of a large variety of pills and particulars of the following new lines: Lactic tablets (non-proprietary), effervescent lithia tablets (new style of package), brimstone-and-treacle tablets, glycerin suppositories (containing 95 per cent. of glycerin), and tamarind pellets. The company are organising a competition for the best suggestion for a new pill or tablet counter line. The prize is two guineas.

"Pedezy" is the registered name for an antiseptic and deodorant liquid put up in sprinkler-top bottles for use as a soothing application for the feet. The makers are the Pedezy Co., 20 Wheeler Gate, Nottingham. Pedezy is used particularly in warm weather, and we have it on the authority of a user that the liquid is really efficacious in "comforting" the feet if applied before or after walking exercise. It is also useful to cricketers and rowers as an application to the hands. The 1*s.* size is put up in square bottles enclosed in smart red cartons.

Vermin-destroying Viruses.—The Local Government Board have informed Danysz Virus, Ltd., that they do not propose at present to recommend any restrictions to be imposed on the sale of vermin-destroying viruses. The demands for such restrictions arose from cases of alleged infection in the city where rats or mice that had been eating Virus-treated matter immediately afterwards visited food-supplies for men, and it is not surprising that some diarrhœa to the men resulted. The moral is obvious, and the Local Government Board have perceived it.

Automatic Window Models.—We received this week an invitation to see an exhibit of mechanical advertising-novelties which Messrs. B. Whitworth Hind, Ltd., had on show at 1 Southampton Row, London, W.C. This company of advertising experts has its headquarters at Norwich, but it is not generally known that mechanical window models are special manufactures. The exhibit is a most interesting one, but as the models are made specially for given subjects, those shown are only to be taken as illustrations of what can be arranged for clients. There were, for instance, several models prepared for Neave's food. One of these shows a feeding-bottle containing a figure of a very emaciated infant. As the milk is withdrawn the child becomes fat and bonnie. A similar idea is shown in another model, in which the Pepper's ghost idea is utilised to throw at intervals the figure of a starved child on the background, in front of which a well-fed child is sitting. A recently-made model represents a nerve-racked individual receiving the angel of hope, who brings him a box of Blank's nerve pills. There were several models useful for advertising soap and laundry specialities, while some pretty scintillating signs are a pleasing variety of flashing advertisements. A hiring scheme is being drawn up, which should be useful for pharmacists who do not see their way to purchase outright. The company will send particulars of purchase and hire of these models to any of our readers who send inquiries.

Show-card Show.—At Messrs. Sangers, 258 Euston Road, London, N.W., there is this week a special exhibit of druggists' sundries. This is arranged in the large hall on the ground floor of the new premises. Here are shown a large number of cheap lines in sundries, such as hair-brushes, nail-brushes, and bathing-caps, many being job

lines which cannot be repeated. There are also many second-hand show-cases, and an excellent show of sponge in cases and bins. The chief feature is, however, a display of show-cards for chemists' use. Many of these are striking and effective, and are being produced at surprisingly cheap rates. Messrs. Sangers keep a ticket and show-card writer constantly employed, and as he is a specialist in chemists' work the firm claim that they are in an advantageous position to carry out rough ideas suggested by chemists. The four illustrations given here are representative of the

work. The corn-cure card is a skilful adaptation of the "Weary Willie" of fiction to the sale of corn-cure. The horse and cattle medicine card makes suggestive and effective use of the stable door as an advertising medium. The eruptions card was drawn up at the suggestion of a chemist a few days after the Messina earthquake, and proved wonderfully successful. The card for back and kidney pill is an illustration of the versatility of Messrs. Sangers' show-card maker. We could go on giving more examples of his art, but as these are unlimited we must desist. Chemists who wish to get ideas for window-tickets should write for a short price-list that has been issued, or they may submit their ideas and have them embodied in an original card. As to the price of these cards, we should say the average is about 1*s.* 6*d.*; plain cards can be had for as small a sum as 6*d.*, and for 2*s.* 6*d.* a handsome card is produced.

Mr. J. J. E. Pugh, who trades under the name of G. W. Hobson, has moved his business from The Colonnade to 4 Cavendish Circus, Buxton.

By an order gazetted on May 11, an area in South Cardiganshire is to form part of the dipping area to which the Sheep-dipping (South Wales and Monmouth) Order of 1908 applies.

Agri-Horticultural Poisons.

Notices of Application

for licences under Section 2 of the Poisons and Pharmacy Act have been lodged with the local authorities named. The dates appended in parentheses are those of the advertisements, which have to be published before the applications are lodged. The licence is not to be granted until fourteen days after the receipt of the application.

Subscribers and others would oblige us by sending information with reference to applications. Copies of newspapers containing the advertisements of applicants would also be esteemed.

We have been asked what chemists should do in regard to applications. They should address the members who represent their divisions on the Councils of the localities which have the power to grant or reform licences. The points to impress are (1) proximity of registered chemists to the premises of the applicants and (2) readiness of chemists to supply the poisons under statutory conditions at market prices.

Aberdeenshire.—D. B. Hunter, general merchant, Udny station.

Alloa.—J. Crawford, ironmonger and seedsman, 18 High Street.

Ashstead.—Hy. Moore & Son, seed-merchants.

Barnet.—Wm. Cutbush & Son, nurserymen, 14 New Road.

Birmingham.—Proffitt & Westwood, Ltd., seedsmen, 162 Hockley Hill

Bolton.—Wm. Southern, seedsman, 10 Corporation Street.

Caithness-shire.—Hugh Macdonald, Dunbeath, Latheron.

Calne.—J. E. Mitchell, nurseryman, The Square.

Carnforth.—Watson & Co., wool and seed merchants.

Castle Douglas.—A. Dobie, Warwick House; Harriet Davidson (Davidson & Crighton), 135 King Street—ironmongers.

Christchurch (Hants).—J. Street & Sons, ironmongers.

Cobham.—Hy. Moore & Son, seed-merchants, The Mills.

Coventry.—Wm. T. Ward, nurseryman, 70 Far Eveford Street.

Cumberland.—I. T. Dixon, grocer, Beckermet; E. Downes, woolbroker, Egremont.

Darlington.—Kent & Brydon, nurserymen, Tubwell Row.

Denbighshire.—Wm. J. Gwynne, Medical Hall, Llanrhaiadr-yn-Mochnant.

Dornoch (Sutherlandshire).—Wm. A. Macdonald.

East Grinstead.—F. W. Beck, nurseryman, 191 London Road.

Esher.—Hy. Moore & Son, seed-merchants, The Green.

Exeter.—W. Randall, 12 Bridge Street; R. Veitch & Son, High Street, nurserymen.

Farnham.—M. & J. Tily, ironmongers, 7 Castle Street, and 117 West Street. (May 6.)

Faversham.—F. T. Hart, nurseryman, 118 Ospringe Road.

Glenluer.—W. H. McMaster, ironmonger.

Harrogate.—Wm. Bonsall, nurseryman, 50 Parliament Street.

Hertford.—A. McMillan & Co., Ltd., seed-merchants. The Wash.

Kilmarnock.—J. Boyle, drysalter, 123 King Street.

Kircudbrightshire.—Thos. Corrie, implement-maker, Balmaclellan.

Kirriemuir.—David Gordon (W. Gordon & Son), Chas. Lyon, Jas. Robb (Birso & Robb), David Tosh (C. Tosh & Son)—all ironmongers. (May 10.)

Leatherhead.—Hy. Moore & Son, seed-merchants, North Street, and the Station, East Horsley.

Lerwick.—The Town Clerk has received one application.

London.—J. J. Litchfield, 95 Highgate Hill, N.; Paul & Son, 6 Wormwood Street, E.C.; J. H. Bentley, Mayfield Road Nurseries, and 8A Merton Road, Wimbledon—nurserymen, etc. F. Uwins, horticultural dealer, Portland Road, South Norwood.

Malvern Wells.—D. W. Brotherton, Rose Lawn Nurseries.

Melrose.—Wm. Dick, ironmonger.

Middlesbrough.—Wm. Striko, Ltd., nurserymen, Corporation Road.

Nelson.—Jas. Alton, drug-stores, 77A Leeds Road. (May 6.)

Norwich.—F. R. Wilson & Co., nurserymen, 9 Exchange Street.

Oswestry.—J. W. & E. B. Jones, nurserymen, Leg Street.

Plymouth.—E. Chas. Arnold, seedsman, 6 Poultry Market.

Ramsgill (Yorks).—Orlando Atkinson.

Reading.—Sutton & Sons, 9-11 Market Place; Fidler & Sons, Friar Street—seed-merchants.

Rickmansworth.—Beeson & Sons, ironmongers, etc.

St. Andrews.—Alex. Mackenzie, J. Wilson & Sons—both ironmongers. Jas. Wilson, seedsman. (May 6.)

Stamford.—W. & J. Brown, nurserymen, 56 High Street. (May 4.)

Stockton-on-Tees.—Wm. Strike, Ltd., nurserymen, 62 High Street.

Surbiton.—J. & T. Trower, Ltd., seedsmen, 110 Ewell Road.

Wakefield.—L. Twigge & Son, seedsmen, Wood Street.

Watford.—Rogers & Gowlett, Ltd., ironmongers, 61 High Street.

West Bromwich.—Proffitt & Westwood, Ltd., seedsmen, 143 High Street.

West Linton.—J. Alexander, grocer.

Wick.—Geo. Mackay (W. & A. Geddes), seedsman, etc.; J. J. Robertson (H. Robertson & Son), D. R. Simpson, and R. S. Waters—all ironmongers.

Wolverhampton.—J. Knight, nurseryman, 29 Dudley Street.

Fees Fixed.

Bury.—Licence, 5*s*. Renewal, 1*s*. 6*d*.

Chatham.—Licence, 5*s*. Renewal, 1*s*. 6*d*. Extract from register, 1*s*.

Norfolk.—Licence, 10*s*. Renewal, 1*s*. 6*d*.

Salisbury.—The Watch Committee recommend a fee of 2*s*. 6*d*. for each grant and 1*s*. for renewal, and that the licence expire on December 31.

Stirling.—Licence, 7*s*. 6*d*. Renewal, 1*s*. 6*d*.

Inspectors Appointed.

Bury.—Two inspectors have been appointed under the regulations.

Wolverhampton.—The Town Council, on May 10, debated the resolution of the Watch Committee that Superintendent Stokes be appointed officer of the borough under the regulations. Messrs. Willcock and Reade, both pharmacists, suggested that this was putting the cart before the horse, as no licence had as yet been granted. The Town Clerk pointed out that if no appointment was made there would be no machinery to deal with applications. It would be necessary for someone to examine the applicants' premises, and also ascertain if the public requirements were already met. The resolution was agreed to, and it was explained that the appointment carried no salary.

Applications Granted

Brechin.—To six applicants (see *C. & D.*, April 24, p. 641).

After hearing counsel for the objecting chemists and also the applicants, the Town Council so decided, on May 10, by a majority of seven votes to three.

Burton-on-Trent.—Isabella Johnson, Forge Nursery.

Canterbury.—The City Council again considered, on May 5, the application of Taylor Bros., refusal of which the Watch Committee had previously recommended (*C. & D.*, March 13, p. 418). The committee now reported that after hearing further evidence from Mr. C. Bing, Ph.C., and Messrs. Taylor Bros., whose premises are in St. George's Street, that they again were unable to recommend the granting of the licence. Mr. F. J. Godden and Mr. E. K. Dean supported this in speeches, but the Sheriff (Mr. A. W. Anderson) said the applicants dealt in goods connected with horticulture, and were the proper persons to hold such a licence if there were not at present the necessary facilities. He understood that there were only three or four chemists in the city who really stocked the preparations, and they not fully. Other speakers advocated that the licences should be granted, and Mr. Dean protested against the handling of these poisons being taken out of the hands of chemists, who are specially trained in such matters. On a division it was decided by a small majority to grant the application.

Chatham.—The Town Council considered local chemists' letters to the effect that they are prepared to, and do, stock and sell at reasonable prices, all requisites under the Act, but decided to grant the application for a licence from H. C. Lawrence & Son, nurserymen, 2 High Street.

Fort William.—Marshall & Pearson and Robertson & Sinclair, both ironmongers.

Harrogate.—The recommendation of the Sanitary Committee to grant two applications was considered at the quarterly meeting of the Town Council on May 10. Mr. Rowntree moved the rejection of the recommendation. He stated that the committee had had before them the representatives of the local Chemists' Association, who presented strong contentions in contrast with the weak and flabby case presented by the florists. He submitted that the committee's recommendation was entirely opposed to the weight of the evidence. Mr. A. H. Marshall said the chemists had allowed the trade to drift into its natural channel, and were now asking for something they ought to have done themselves long ago. Alderman Errington said the chemists were adopting a dog-in-the-manger policy. The amendment was defeated by sixteen votes to six and the committee's recommendation confirmed.

Inverness-shire.—The Macintosh, who presided at a meeting of the County Council's Finance Committee last week, moved that licences be granted to all respectable

general merchants who applied for them. The motion was adopted.

Oxford.—A. Smith, seedsman, 14 Market Street.

Stirling.—At a special meeting of the Town Council, presided over by Provost Thomson, the following applications for licences were disposed of: Messrs. W. Drummond & Sons, Ltd., and Jas. Gray & Co.—seedsmen; Graham & Morton, David Somerville, Somerville & Valentine, Virtue & Co.—ironmongers; D. & J. MacEwen & Co., merchants. The Clerk, having explained the provisions of the Act, submitted representations from the Resident Secretary in Scotland of the Pharmaceutical Society and the local chemists that there was no necessity for granting licences. The local pharmacists also objected to licences being granted. It was intended that a deputation on behalf of the chemists should attend the meeting, but the Town Clerk stated that he had received intimation that the deputation would not be present. Colonel Morton said that 90 per cent. of the sheep-dip sold in the district was supplied by ironmongers. It was only right that these traders should be allowed to continue the sale of it. His firm kept over twenty different kinds, and the trade was not a small one. They had also facilities for delivery in the country districts which the chemists did not have, and it would be an immense hardship to farmers and others if they were prevented from getting sheep-dip or weed-killer delivered along with their other goods. Mr. J. W. Drummond spoke to the same effect, and the licences were granted on the motion of the Provost.

Wigtownshire.—At the County Council's meeting at Stranraer on May 5, Sir Herbert Maxwell, in moving that the six applications for licences (*C. & D.*, May 8, p. 715) be granted, said that he was Chairman of the Departmental Committee which framed the Act. The Pharmaceutical Society desired to retain a monopoly of the sale of poisons, but it was amply proved that the requirements of modern agriculture, horticulture, and other industries made it quite impossible that they should retain that monopoly. There were many districts in the Highlands from which they took evidence where they were sixty miles from the nearest chemist. Applications granted.

Applications Refused.

Biggar.—The Town Council, on May 10, decided to refuse two applications, as the two chemists in the town satisfy the public needs, and the district is amply provided with qualified vendors of poisonous substances.

Bury St. Edmunds.—The Watch Committee recommended that licences should be granted to Messrs. T. Cross, W. Ollington & Son, and E. E. Westgate, but at the Council-meeting on May 11 there was a long discussion, in which Councillor Bentley (chemist) took part. The pro-licensing party was strong in speech, but Councillor Fulcher, who moved that licences should not be granted to florists of the town, spoke so well, and was so well backed, that his motion was carried by nine to eight. Councillor Bentley did not vote.

Dover.—At a meeting of the Town Council on May 11, Councillor W. J. Barnes, J.P., chemist and druggist, moved that an application from Messrs. G. & A. Clark, nurserymen, be not granted. He said that no one could say there were not reasonable facilities in Dover to buy insecticides. Councillor Bradley thought the application reasonable, and said the matter wanted further consideration before refusing the application. On Councillor Barnes' motion being put, it was carried by a large majority.

Rotherham.—The Town Council, after hearing counsel on behalf of the Rotherham Pharmacists' Association and the applicants, decided not to accede to applications of Fisher, Son & Murray, Ltd., and A. F. Upstone, nurserymen,

Consideration of Applications.

Accrington.—At a meeting of the Town Council on May 10, Alderman Bury, in reply to a question, said an application had been refused (*C. & D.*, May 8, p. 718) by the Watch Committee because it was desirable to keep the sale of poisons in as few hands as possible, and the existing facilities were not inadequate.

Bedfordshire.—The County Council has received a memorial from Leighton Buzzard pharmacists asking that no licences be granted in that town, and a letter from Mr. Dobbs.

Birmingham.—On May 10 the Judicial Sub-committee of the Birmingham Watch Committee sat to hear applications for licences. Mr. Marshall Freeman, barrister-at-law (instructed by Mr. Guy Pritchard, solicitor to the Midland Pharmaceutical Association), appeared to offer a general opposition to the grant of such licences, and was accompanied by Mr. J. A. Radford, Secretary to the Midland Pharmaceutical Association. Mr. Freeman made an able and lengthy statement of the law respecting the sale of poisons, and drew upon his experience as a pharmacist in explanation of the potent nature of some of the poisons which come under Section 2. He submitted that the reasonable requirements of the city are well satisfied, and showed that of ninety-five chemists who memorialised the Council twenty-nine were in Central Birmingham, nine in the West Division, seven in the North, twelve in the South, sixteen in Bordesley, fifteen in Edgbaston, and seven in the East Division. He denied that chemists want a monopoly, but their proximity to the applicants showed that the public demands can be satisfied without encouraging the sale of these dangerous commodities. Alderman Sayer, who presided, intimated that these representations would be fully considered. The applications for licences were afterwards heard, and it was intimated that the sub-committee would report on the whole matter to the next meeting of the Watch Committee.

Cambridge.—The City Council has delegated applications to the Local Government and General Purposes Committee.—The Cambridge Pharmaceutical Association is carrying on a steady campaign against the granting of licences. Owing to the efforts of Councillor H. F. Cook, J.P., on the County Council an applicant for a licence has decided to abandon the idea and has turned over his stock of "poisons" to the local chemist.

Cambridgeshire.—The County Council has referred to a committee consideration of Section 2 regulations.

Cardiff.—At a meeting of the City Council on May 10, Mr. J. S. Phœnix, solicitor, applied on behalf of certain nurserymen and seed merchants for licences. To the suggestion that it would be unsafe to leave the sale of poisonous substances in the hands of these people, he urged that it had been in their hands unmolested for thirty years. The refusal of the Health Committee to grant licences was an injustice. The matter was referred back to the committee for reconsideration.

Dunfermline.—Mr. David Gilmour appeared before the Town Council, on May 10, to object on behalf of the local chemists to the application of Messrs. Livingstone & White, seedsmen, for a licence. Mr. Gilmour objected that a firm could not be licensed. The Council decided to intimate to the firm that the application required amending.

Exeter.—The Town Clerk reported to the Market and General Purposes Committee of the City Council that two applications had been received. Messrs. H. Wippell Gadd (President of the local Chemists' Association), H. Gadd, J.P., J. Hinton Lake, T. C. Milton, D. Reid, and P. F. Rowsell, with Mr. C. R. M. Clapp (solicitor), attended before the Committee and advanced reasons why the sale of poisonous substances should be solely in the hands of qualified chemists. The committee then adjourned the matter to afford the applicants an opportunity to state their case.

Farnham.—The local chemists have officially objected to an application.

Fifeshire.—The County Council has remitted the duties under the Act to the Weights and Measures Committee. Mr. Wm. Low, at the meeting at Cupar on May 11, remarked that the Council was not in sympathy with the proposal to limit the sale of all poisons to chemists only, and the seedsmen should have the privilege as formerly. [Mr. Low is a member of the firm of Wm. Low & Co., wholesale grocers and patent-medicine vendors with headquarters in Dundee and branches in many of the towns in Scotland.]

Galway.—At a meeting of the County Council on May 5, the Secretary intimated that he had received applications for licences from sixty persons. The Chairman's suggestion that the applications be put in order and dealt with at a special business meeting was adopted. During the discussion Mr. O'Donnell wanted one licence to be granted in each town in order to make the licence worth having, while Mr. O'Malley would grant a licence to every applicant.

Glasgow.—The Magistrates' Committee of the Town Council sat on May 11 to consider the applications for licences. The proceedings took place in private. Mr. John Lindsay (Town Clerk Depute) stated that there were several objectors to the applications on the ground that in the neighbourhood for which licences are sought the reasonable requirements of the public are already met. The following chemists were within a radius of not more than 200 yards of the applicants' premises, and they were prepared to meet the public demands: Messrs. J. W. Sutherland, 127 Buchanan Street; Peter Irving, 71 St. Vincent Street; J. Cockburn, 126 Union Street and 81 St. Enoch Square. Mr. Lindsay said that the Chief Constable had no objections in the public interest to any of the applications. The first application, by R. & W. Campbell, was then considered. Mr. Rowley Orr, solicitor on their behalf, said that the firm had conducted a large business in sheep-dip with farmers and others for fifty years. The objectors, he took it, suggested that this valuable asset of his clients' business was to be taken from them without compensation. He submitted that that was entirely unreasonable, and contended that the Act had been devised for the very purpose of protecting the gentlemen who were applying under it. He then read the latter portion of Sub-section (1) of Section 2 (regarding certain exemptions of a duly licensed person from the Pharmacy Act, 1868), and stated that his clients undertook to conform with the regulations. They were in every sense fit to be trusted with the sale

of poisonous substances. He mentioned that the sheep-dip was soldered up in a tin. Mr. Orr characterised the objections as the "most irregular" he had ever come across, and said that if the conditions of the licence were not properly observed the Magistrates could suspend it. Mr. Letham (solicitor), who appeared on behalf of the objectors, in reply to some of Mr. Orr's remarks about frivolous objections, stated that he had just received a telegram to the effect that the Public Control Committee of the London County Council had recommended that no licences be granted. He then submitted the following objections:

This Court is not a properly constituted authority to hear evidence in terms of the regulations;

That a licence cannot be granted to a firm, but only to an individual whom the Court have satisfied themselves as being fully qualified personally to dispense the poisons scheduled under this Act;

That the Court can only do so as a full judicial court hearing the evidence and objections of all the persons who are entitled to object to the granting of such licences:

That the Court certainly can grant no licence under Sub-section 2 of Section 2 without a judicial inquiry as to whether, in the neighbourhood where the applicant for the licence carries on or intends to carry on business, the reasonable requirements of the public with respect to the purchase of such poisonous substances are satisfied;

That the premises are fitted in accordance with the regulations.

Other applications were afterwards heard, and similar objections lodged on behalf of the chemists. The Magistrates reserved judgment.

[The telegraphic information referred to is erroneous (we find on inquiry at the L.C.C. offices). The Public Control Committee has come to no decision, but meets on May 14. EDITOR *C. & D.*]

GRANTHAM.—It was reported to the Town Council on May 5 that no applications had been received.

KINCARDINE.—The County Council, on May 6, postponed an application until the October meeting, as only twelve of the fourteen days' advertised notice had then expired.

KIRKCALDY.—The Town Council remitted the application for licences and the objections thereto by the local chemists to the Provost's Committee.

LEWES.—The local chemists have petitioned the Town Council against granting licences.

MACDUFF.—Several circular letters were submitted regarding licences at the monthly meeting of the Town Council on May 5.

MAIDENHEAD.—The Town Clerk has been instructed to give all information to applicants.

NORFOLK.—At a meeting of the Executive Committee of the County Council on May 8 the Town Clerk said several applications had been received. A protest had been lodged by the local chemists against licences being granted indiscriminately. The Chairman (Mr. B. B. Sapwell) remarked that there were very few chemists from whom these things could not be obtained, and he was not disposed to grant too many facilities for selling poison. Chemists were trained men, but if they allowed gardeners and others to sell these poisons suicide and murder might become more prevalent and their animals may possibly get poisoned. General opinion in the subsequent discussion was to the same effect.

PEMBROKESHIRE.—At the annual meeting the special committee's recommendation in favour of granting applications for licences came up. The Chairman said it was a shame to deprive people of the privilege of continuing to sell certain agricultural poisons, but in future it was intended that good reason must be shown before an applicant could take over the work of the chemist. Mr. W. P. Morgan said it was unfair that licences should be granted in Haverfordwest, where there are four chemists. The sales by unqualified vendors in the past had been illegal. Captain James and the Rev. W. Powell pointed out that in some of the districts there was no chemist within ten miles. In one instance the nearest qualified vendor was fourteen miles. After further discussion the recommendation was referred back to the committee. It was mentioned that the committee had promised the licences to three tradesmen.

SALISBURY.—The Town Council on May 6 considered the recommendation of the Watch Committee that three applications be granted. The Town Clerk said that he had received a petition against from twelve local chemists since the committee made their recommendation. The matter was referred back to the committee.

SELKIRK.—The Town Council, having received communications from both sides, has decided to deal with each application for a licence on its merits.

SOUTHEND-ON-SEA.—The Town Council has delegated the licence question to the Health Committee.

SUFFOLK.—Mr. J. H. Brown, chemist and druggist, Sudbury, has written to the West Suffolk County Council objecting to any licence being granted.

TUNBRIDGE WELLS.—A special meeting is to be held by the Town Council at which deputations from both sides will have an opportunity to attend. The local Chemists' Association petitioned.

WREXHAM.—The deferred applications came before the General Purposes Committee of the Town Council on May 6. As the period of notification had not as yet elapsed a special meeting is to be called to consider the matter.

Chemical Society.

A MEETING was held at Burlington House on Thursday, May 6, Professor H. B. Dixon, F.R.S. (President), in the chair. There was a long list of papers down for reading, but only four authors had signified their intention of being present. None of the papers was of direct pharmaceutical interest. Mr. Baly, with Misses Burke and Marsden, commenced the proceedings with a paper on

THE ABSORPTION SPECTRA OF NITRATES

in relation to the ionic theory, in which they drew attention to a number of curious anomalies in the absorption spectra of the alkali nitrates, especially as regards the intensity of absorption at certain dilutions. Assuming that an ultra-violet absorption spectrum in such cases is due to the "play of residual affinities," the authors suggested that the anomalies are due to hydration of the salts in solution. It is conceivable, for example, that a salt $B.NO_3$, in solution in a little water, might form the compound $BNO_3,2H_2O$, which would be ionised not into B and NO_3 but into two more complex ions, involving the water molecules. On dilution to infinity the simple ions B and NO_3 might exist in solution. At the stages at which these changes occur breaks in the continuity of the absorption spectrum curve, such as were actually found in plotting the experimental results, may be expected.

The next paper was by Dr. Forster and Mr. Thornley, and dealt with aryl derivatives of imino-camphor. The chief point alluded to was the extraordinarily high specific rotations of these substances, which range from 357° to 1509°, the latter being a record for an organic compound. The third paper was a contribution from the Pharmaceutical Society's Research Laboratory, by Dr. Crossley and Miss Renouf, and consisted of a refutation of a criticism by Messrs. Harries and Antoni of some previous work by Messrs. Crossley and Le Sueur on the constitution of one of the dimethyl*cyclo*hexadienes. The last paper read was by Dr. Smiles, and described some alkyloxy derivatives of sulphur bases.

ELECTION OF FELLOWS.

During the evening a ballot for the election of Fellows was held, and the following gentlemen connected with pharmacy were elected: Messrs. H. A. Caulkin (formerly of Messrs. Southall Bros. & Barclay's laboratory), P. H. Crewe (of Messrs. J. Woolley, Sons & Co.'s laboratory), R. C. Owen, B.Sc., pharmacist (Chester), N. S. Rudolf (formerly with Messrs. Parke, Davis & Co.), G. B. Walker (pharmacist to the Greenwich Infirmary), and Professor H. E. J. Bletcher (of the Manitoba College of Pharmacy).

Business Changes.

Properly authenticated business notices (not being advertisements) are inserted in this section free of charge if promptly communicated to the Editor.

MR. J. MAVOR, chemist and druggist, Crewe, has reopened the business formerly carried on at 94 High Street, Tunstall, Staffs, by Mr. A. G. Cope, Ph.C.

MR. A. E. EVANS, chemist and druggist, Brynmawr, has disposed of his branch business at Ebbw Vale to his former assistant, Mr. Owen Thomas, chemist and druggist.

MR. A. CHRISTIE, chemist and druggist, has retired from the business of Christie & Bennett, chemists, 2 Queen Street, Newton Abbot. Mr. W. Bennett, chemist and druggist, will carry on the business in future under the same style as hitherto.

MR. T. RICHARDS, Ph.C., has purchased the business of Messrs. Potts & Co., chemists, 18-19 Northumberland Place, Bath. The wholesale business in fuller's earth carried on by the late Mr. Lewis Vigis at 12 Chapel Row, Bath, has also been acquired by Mr. Richards and incorporated with the business of Messrs. Potts & Co. Wholesale buyers kindly note.

Observations and Reflections.

By "Xrayser."

Will Chemists Pay

more than their fair share of the sixteen millions by which the expenditure of the nation has been increased for the current year? I think they will. Assuming that the Budget is a fairly balanced one—that is, that the additional burden is equitably distributed among the taxpayers according to their proportionate ability to pay—it is evident that the pharmacist will have to pay his extra portion on his tobacco, his whisky, and his investments, like the rest of the population. If he becomes a capitalist, owns land, or acquires a motor-car, his proportion, like everybody else's so situated, will be enhanced. So far there is nothing to complain about. But two taxes are proposed which will seriously affect his direct earnings. First there is to be an increase in the licence he requires if he sell medicated wines—an increase which will probably annihilate any profit he may be getting from that branch of his business altogether; and then there is the enormous advance on the spirit-duty by 3*s*. 9*d*. per proof gallon. Mr. Goschen in 1890, Sir William Harcourt in 1894, and Sir Michael Hicks Beach in 1900, each added 6*d*. per proof gallon to the spirit-tax, and on each of those occasions it was estimated in this journal that a new charge of 40*s*. or 50*s*. a year fell on pharmacists in consequence. It was assumed of course that there was no chance of recovering any part of that by a higher price for tinctures. The publican could easily and legally

Transfer the Tax to the Consumer

by giving a teaspoonful less for the three or four pennyworth. But the chemist does not sell the bulk of his tinctures in this way. This time Mr. Lloyd George, who probably had not considered the medicine-trade at all in this connection, considerately adds seven and a half times as much to the tax as either of his predecessors had done with the express object of giving vendors of spirituous beverages an opportunity of passing it on to the public. Can pharmacists accomplish the same result? I think it is unlikely that they will do so generally for the reason that the drug-departments of many big businesses are looked upon by the proprietors so largely as a bait to bring trade to other branches that the medicine price-lists of these concerns will remain unaltered, and in that case we shall have to ignore the addition likewise. It may be, however, that this new expense, coming along with a further tax on dividends, and a prospect of higher salaries for qualified assistants, may have the accumulative effect of so damaging the drug-department's balance-sheet as to gradually improve the average rates of profit in the drug-trade generally.

The Meeting Last Week,

and apparently the Pharmaceutical Council likewise, found it beyond their abilities to devise a method which could be submitted with any confidence to the Chancellor of the Exchequer for exempting spirit required for *bona-fide* medical use from such an addition as is now proposed, and which is obviously contemplated with a view of getting a larger revenue from the drink-trade. In 1890 Dr. Tanner got seventy-three members of the House of Commons out of 200 who voted to agree that the new sixpence then proposed should not be imposed on spirit taken out of bond for *bona-fide* medical purposes; and a motion to allow a rebate of sixpence for spirit so used was made in 1894, but was not pressed to a division. Both Mr. Goschen and Sir William Harcourt declared that it would be impossible to earmark the consumption in this way, and that is no doubt the opinion of Somerset House. Perhaps the Revenue rulers could find some way of doing it if they had to, and now is the time, if ever, to compel them to exercise their ingenuity. It is perhaps fair to suppose that, for the sake of the hospitals if not out of consideration for such feeble folk as ourselves, any Government might be willing to permit the use of spirit even duty-free if it could be made absolutely certain that it would be employed for really nasty medicines only. But it can hardly be expected that any remission whatever would be granted which would exempt such products as perfumery, flavouring-essences, cordials, and liqueurs from the full tax, and the impracticability of separating these entirely from medicines was a consideration which evidently carried great weight with the Chamber of Commerce meeting. A socialistic solution of the problem looks the most promising. If the Laboratory of the Board of Inland Revenue were themselves to start a tincture-factory and supply their products at duty-free prices, they could select any preparations they pleased for the concession.

The Privy Council,

writing to the Pharmaceutical Council about an inquest, expressed the view that laudanum is in Part 1 of the new Poison Schedule. It is gratifying to find the august Mr. Almeric FitzRoy is but a fallible mortal, and it is to be hoped, therefore, that this letter will be carefully framed and preserved.

California

is rather too large a geographical expression to be trade-marked by one firm. Other syrups of figs might want to come here from that State, and our High Court thinks it would not be fair to stop them from proclaiming their origin. But it is far from certain that they may do this. Yorkshire is another large place, and some years ago the Courts decided that the title "Yorkshire Relish" was not trade-markable. At the same time more than one of the Judges intimated pretty plainly that it would be a little more than difficult for anyone except the original makers to sell a Yorkshire Relish without so misleading the public as to lay himself open to an injunction. Which left us in exactly the position we were in before the elaborate machinery of the Trade-marks Acts had been constructed.

Co-operative Schemes

of producing, advertising, and selling proprietary medicines have often been proposed and discussed, and the idea has a specious appearance. But when details come to be considered they look less seductive. There is something of the rope of sand about them. Still, there are evidently two sides to this problem, and the advertising organ lately started in London, called "Printers' Ink," considerately, though perhaps unintentionally, gives both. An editorial note in its No. 2 on a combination of tea-importers who were thinking of spending some money to encourage the sale of better qualities of tea says, "Unfortunately these co-operative movements usually come to nothing." This aphorism is followed in the same number by two articles, the first of which recommends the two great political parties to spend 150,000*l*. each in advertising at the next general election, and the second narrates the brilliant success which has attended the advertising of Hawaiian pineapples in the United States by an association of growers and canners of the fruit in the islands. These are both co-operative movements which, according to the editor, "usually come to nothing."

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Editorial Comments.

What is a Medical Prescription?

At the hearing of the summonses against registered druggists in Belfast, on Monday, for compounding medical prescriptions, counsel for the defendants stated that the term "medical prescription" is properly defined under the Pharmacy Act, 1868, but it is not defined under the Irish Act of 1875. This is not quite correct. In Sections 3 and 4 only of the 1868 Act are prescriptions mentioned—the former section providing for the registration of persons who, before the Act, carried on in Great Britain the "business of a chemist and druggist in keeping open shop for the compounding of the prescriptions of duly qualified medical practitioners," and Section 4 providing for the examination of assistants who for a period of three years prior to the Act were employed in "dispensing and compounding prescriptions." Section 17 provides for the labelling of medicines containing poison "dispensed" by a person registered under the Act, but no mention is made of prescription in this connection. Indeed, the late Mr. G. W. Sandford prevented the term "medical prescriptions" being included in the section, as it was his desire that any medicine containing a poison dispensed by a chemist should be exempt from the poison-label. It is understood that Mr. Sandford had counter-prescribing in view. This week's cases are not the first in which the interpretation of "medical prescription" has been argued. In the Pharmaceutical Society of Ireland *v.* Fee (1889), the prescription dispensed was given by a pharmacist to the Society's agent, and the defendant's counsel said that this was not a proper medical prescription, whereupon Mr. Justice O'Brien remarked:

> It professed to be a prescription. If a man were to go through a form of marriage he would, if previously married, be guilty of bigamy, even though he did not intend to marry at all.

The Court, therefore, had no hesitation in regarding the prescription dispensed as a medical prescription. Again, in Belfast in 1890, in the Pharmaceutical Society of Ireland

v. Henderson (an appeal before the Recorder), the prescription presented and compounded proved to be one written by a duly qualified medical practitioner, but counsel for the defendant submitted that it should be signed. This objection was overruled. The Recorder, in his judgment, held that the actual compounding of medicine was the thing hit at under the section, and he seemed to place little reliance upon the contention that proof has to be submitted that the prescription dispensed has actually been written by a duly qualified medical practitioner. There is a fair amount of opinion among registered druggists in Ireland that Section 30 of the 1875 Act refers only to such prescriptions, and not to any medical recipe which may be presented. It would probably be an advantage to pharmacists and druggists in Ireland if a carefully prepared test-case as to the interpretation of the term "medical prescription" were carried to the High Court in Dublin. But it would be advisable to look well ahead first, and also to consider what the Pharmaceutical Society has done in the past. As to the former, if "medical prescription" means one written and signed (with name or initials) by a duly qualified medical practitioner, it would exclude prescriptions written, for example, in the United States, France, or Germany, since the writers, in all probability, would not be "duly qualified" under British law. It would be absurd, therefore, to suppose that druggists are legally competent to dispense such prescriptions and not to dispense those of British medical practitioners. Yet that is the conclusion that would have to be come to. As to looking back, we note that it is sometimes complained that, if rigidly interpreted, Section 30 of the 1875 Act prevents druggists from mixing together ingredients of, *e.g.*, a mixture which they originate themselves. That would be a hardship; but the Pharmaceutical Society appears not to have narrowed its interpretation down to this point, and the cases against druggists which it has taken under the section have been in respect to prescriptions requiring the practical skill and knowledge of the pharmacist for compounding.

Foreign Trade in April.

The leading features of the Board of Trade Returns for April are the substantial increase in imports of foods and raw materials, a decline in the imports of manufactured goods, and a smaller decline in exports than has been noted for many months. The imports amounted to 49,193,978*l.*, an advance of 2,099,267*l.*, but 7,588,726*l.* less than in April 1907. Exports were 28,958,458*l.*, or 1,746,880*l.* less than in April 1908 and 5,458,408*l.* less than in April 1907. The first four months of the year now show a decline of 2,802,910*l.* in imports and of 12,282,750*l.* in exports. Analysing last month's imports we note an increase of 2,068,281*l.* in food, drink, and tobacco, this including 1,455,870*l.* more for sugar, tea, coffee, wines, and spirits. Grain and flour also rose by 800,000*l.* as the result of higher prices for wheat. Raw materials advanced by 1,149,606*l.*, wool alone accounting for 1,006,000*l.* of this amount. Oil-seeds, nuts, oils, fats, and gums advanced by 147,857*l.* to 2,462,455*l.*, which may perhaps be taken as an indication of revival in these branches of trade. The drop in imports of manufactured goods (1,132,518*l.*) applies to the bulk of the articles in this section; chemicals, drugs, etc., are, however, 10,593*l.* better, imports registering 901,029*l.* for the month. The features in this group included an expansion of 41,052*l.* in miscellaneous chemicals—16,917 cwt. in indigo, 10,846*l.* in tanning-extracts and thirteen other smaller increases, the most interesting of which is tartaric acid, imports of which increased by 919 cwt., valued at 4,305*l.*; Peruvian bark was also 2,339 cwt., or 4,201*l.*, better; and there was an improvement of 111,278 oz., or 3,163*l.*, in quinine imports, the April total being 142,468 oz., which is evidence of the quiet buying that has recently taken place. The four months' quinine imports are also more interesting than usual, being 682,705 oz., against 346,744 oz. in 1908 and 1,374,263 oz. in 1907. We also find a substantial improvement in exports of quinine, the shipments of British make being 83,896 oz., or 49,748 oz. more than in April 1908, and for the four months 348,555 oz. were exported, an advance of 142,838 oz., these figures pointing to a much improved consumptive demand. In addition there were exported last month 14,060 oz. declared as of foreign make, being an increase of 2,721 oz. April was a poor export month for the chemical and allied industries, the shipments falling away by 92,713*l.* to 1,432,532*l.*; but it is satisfactory to note that drugs and medicinal preparations were not affected, as will be seen from the following statement:

	1907.	1908.	1909.
	£	£	£
April	153,580	120 161	132,281
January-April	569.484	509,233	522,084

These figures are evidence of the surprising vitality of our trade in medicine at a time when other branches of the chemical industry are depressed. This is to be seen in the contraction in exports of such products as bleaching-powder, coal products (not dyes), sulphate of copper, cream of tartar, superphosphates, and painters' colours. Soda compounds and glycerin remain practically the only bright spots in this group. The fall in copper sulphate is marked, this being partly due to the fact that Italy, a large consumer, is now a maker.

Righting the Wrong.

When the King's Bench Division in April 1903 decided in favour of Mr. Glyn-Jones's contention that exemption 3 of the Medicine-stamp Act, 1812, is not a dead-letter but is something in favour of chemists and druggists, the Board of Inland Revenue issued a circular referring to the decision and that of Ransom *v.* Sanguinetti, explaining the conditions under which "known, admitted, and approved remedies" may be sold under the exemption. In the circular the Board stated that "the exemption does not apply to sales by limited companies or by unqualified persons," a remark, as regards companies, in accordance with the High Court judgment in Smith *v.* Mason. Subsequently we published (*C. & D.*, April 23, 1904) a letter from Sir Henry Primrose, Chairman of the Board of Inland Revenue, dated March 17, 1904, following upon an interview with representatives of the Drug Companies' Association, in the course of which Sir Henry said:

> Since the interview with the deputation on Tuesday it has occurred to me that, in speaking of the maintenance of the present *status quo* for a further period, so as to allow for time for further investigation and discussion of the position of drug companies, I expressed myself in a way which did not accurately convey my meaning, and which therefore might give rise to misunderstanding. I forgot for the moment that the *status quo* rests on a suspension until 31st inst. for all parties of the new regulation as regards "approved" remedies. To continue this for a further period would be to go beyond the necessities of the particular question which remains open, and which concerns the drug companies alone. Moreover, it would widen the field of controversy needlessly, and make consideration of the matter in a deliberate manner more difficult. It was therefore not in my mind on Tuesday to proceed in that way, but merely to undertake that for such period or periods as may be found necessary to arrive at a final solution, the Board would defend any action founded on the distinction which the law seems to them to draw between drug companies and other vendors of drugs.

Such an arrangement would seem to meet all the requirements of the position that we were discussing on Tuesday, and I feel confident that it will commend itself to the Association.

We ought to add that Mr. Jesse Boot subsequently stated in the *C. & D.* that the letter was not a correct copy of the one which he received from Sir Henry Primrose, but in what respect it was incorrect he did not say, and for five years companies have, by the indulgence of the Board, enjoyed a privilege which the High Court had denied them. The time for the "final solution" now appears to have arrived. The printed "Memorandum on Medicine Stamp-duty" issued by order of the Board of Customs and Excise from the Custom House, London, E.C., and dated April 1909, contains the following paragraph:

> The exemption does not apply to sales by an unqualified person. Nor is the benefit of the exemption extended to any medicines, etc., sold by a limited liability company, co-operative society, or other corporate body, unless the provisions of Section 3 (4) (*a*) and (*b*) of the Poisons and Pharmacy Act, 1908, are, in all respects, complied with.

This is an ingenious adaptation of the management provision of the new Act to the necessities of the case. According to the terms of the special exemptions, any person who has served a regular apprenticeship to a chemist (and under that category registered chemists and druggists are included) may sell "known, admitted, and approved remedies" without stamp-duty or without taking out a licence for the sale of stamped medicines, and it is apparent that companies which conduct their businesses according to the new Act (and no others) trade substantially under the same conditions as registered chemists. The Board is thus able to legalise the indulgence which the late Chairman extended to companies in 1904, but it should be noted that companies which carry on drug-stores or branches where no registered chemist is employed as manager cannot sell "known, admitted, and approved remedies" unstamped. This is the essential difference that the new paragraph inaugurates. The Board ruled some years ago that persons who have served a regular apprenticeship to an apothecary, chemist, or druggist are not "unqualified persons" within the meaning of their ruling.

The Budget and Contracts.

Intimations have been made by contractors in all departments of business whose goods are affected in price by the Budget proposals that they will increase contract prices *pro rata*. The legality of these is now challenged by a statement of the Chancellor of the Exchequer on Monday evening. Replying to questions regarding petrol, he said that not a single penny has been collected from the new duty, and that for petrol supplied under a contract the increased price could only be obtained in respect to petrol upon which the duty has been paid. Section 10 of the Finance Act, 1901, governs this matter, and we quote it in full:

> (1) Where any new Customs import duty or new Excise duty is imposed, or where any Customs import duty or Excise duty is increased, and any goods in respect of which the duty is payable are delivered after the day on which the new or increased duty takes effect in pursuance of a contract made before that day, the seller of the goods may, in the absence of agreement to the contrary, recover, as an addition to the contract price, a sum equal to any amount paid by him in respect of the goods on account of the new duty or the increase of duty, as the case may be.
>
> (2) Where any Customs import duty or Excise duty is repealed or decreased, and any goods affected by the duty are delivered after the day on which the duty ceases or the decrease in the duty takes effect in pursuance of a contract made before that day, the purchaser of the goods, in the absence of agreement to the contrary, may, if the seller of the goods has had in respect of these goods the benefit of the repeal or decrease of the duty, deduct from the contract price a sum equal to the amount of the duty or decrease of duty, as the case may be.
>
> (3) Where any addition to, or deduction from, the contract price may be made under this section on account of any new or repealed duty, such sum as may be agreed upon or, in default of agreement, determined by the Commissioners of Customs in the case of a Customs duty, and by the Commissioners of Inland Revenue in the case of an Excise duty, as representing in the case of a new duty any new expenses incurred, and in the case of a repealed duty any expenses saved, may be included in the addition to or deduction from the contract price, and may be recovered or deducted accordingly.
>
> (4) This section shall be deemed to have effect as from the 19th day of April, 1901, and Section 20 of the Customs Consolidation Act, 1876, and Section 8 of the Finance Act, 1900, are hereby repealed.

It will be noted that the provision is permissive. A seller can recover any charge above contract prices for, *e.g.*, tinctures which have been made with spirit taken out of bond after April 29, 1909. The buyer is not mentioned in the section at all; he need not under contract pay the increased price if he has reasonable ground for supposing that the more highly-rated spirit has not been used in making the tinctures. The seller may recover, but he has to prove that he is entitled to recover. Thus tinctures supplied on, say, April 30 under contract are likely to have been made before that date, and could not be charged according to the new rate of duty.

"Bamboozling the Authorities."

Confusion of the text of the Poisons and Pharmacy Act (Subsection 2 of Section 2) with the Privy Council's regulations (No. 2) is evident from an advertisement by Mr. G. L. Richards, of "XL-All" fame, Borough, London, S.E., headed "An Appeal to the Gardeners of Great Britain," which appeared in the horticultural journals last week. In this Mr. Richards says:

> Many professional and amateur gardeners are aware of the fact that a fight has been going on for years between the Traders in Poisonous Compounds Protection Society and the Pharmaceutical Society in reference to the sale of poisonous compounds used in horticulture. The new Act, known as the Poisons and Pharmacy Act, 1908, came into force on April 1 of this year, and Clause 2 reads as follows:
>
> 2. In granting licences for the sale of poisonous substances for use exclusively in horticulture, preference shall be given to nurserymen, florists, seedsmen, and other persons whose business is specially connected with horticulture.
>
> The only correct construction which can be put upon this clause is that it was the intention of the Government that the Borough and County Councils should grant licences to nurserymen, seedsmen, florists, etc., who have been accustomed for very many years—in fact, ever since the articles were introduced—to supply nicotine vaporising compound, nicotine insecticide, weed-killer, etc., etc.

The disinterested dissertation, after stating that "the Chemists' Associations all over the country have done their best to bamboozle the licensing authorities by making misstatements to the effect that they, and not the horticultural trade, have been doing this business, and that there is no necessity to grant licences," appeals to gardeners "to show their disapproval of the mean and contemptible action of pharmacists," and "not to place a single order with them." Mr. Richards completely forgets that many country chemists have sold agri-horticultural poisons, including his own preparations, for years; and the statement that "such mercenary greed on the part of the pharmacists to rob horticultural tradesmen of the business which they have created and introduced to the public should be beneath the action of professional men," with Mr. Dobbs's war cry of "Pharmacy for the pharmacist!" "Trade for the trader!" writ large, is not likely to help him to keep these clients nor aid in extending the legitimate trade in insecticides. That the members of various local authorities possess hazy ideas regarding recent legislation on poisons is evident from our reports, and Mr. Richards' advertisements and Mr. Dobbs's letters do not conduce to a rational view of the intentions of the new Act.

The Budget for 1909.

Further Particulars as to what is being done by Chemists in regard to the Increased Duty on Spirits and Off Wine-licences.

THE retail drug trade of Great Britain and Ireland is up in arms against the increased spirit-duty. The Council of the Pharmaceutical Society of Ireland, simultaneously with the Council in Great Britain, resolved to address the Chancellor of the Exchequer in the matter, and various associations have decided to call for a rebate of the increased duty when used for making medicinal preparations. The Chancellor stated in the House of Commons on Wednesday (see Westminster Wisdom) that great difficulties are in the way of doing that. Any scheme of the kind must, it is obvious, apply equally to wholesalers and retailers, and a plan which would serve in one case would not do for the other. Further discrimination must be made between the uses of medicinal tinctures. Thus tr. zingiberis is a medicine and a flavouring agent. We understand that the Chancellor is giving his personal attention to the matter, and will probably receive a deputation next week. Meanwhile, there is a tendency to appeal for exclusion from the whole tax of spirits used for medicinal purposes, and even should the present agitation fail in its purpose, this principle may still be pushed forward, starting from the oldest statutory provision that the sale of spirituous preparations for the sick, lame, halt, and distempered by apothecaries, chemists, and druggists is exempt from licence-duty. The off wine-licence question is virtually settled, as the Chancellor has indicated that the rating will, in the case of chemists, be proportionate to the part which wines have in the business.

Meetings of Chemists' Associations.

HALIFAX.—At a meeting of the Halifax Chemists' Association on May 4, with Mr. H. C. Brierley in the chair, it was resolved to advance prices of tinctures and other alcoholic pharmaceutical preparations from ½*d.* to 1*d.* per oz., according to strength.

LIVERPOOL.—An extraordinary meeting of the Liverpool chemists was held at the Royal Institution on Thursday, May 6, Mr. T. S. Wokes (President) in the chair. The meeting was called to consider what action should be taken to obtain a rebate of the spirit-duty when used for medicinal purposes. The President, in opening the discussion, said many members of the trade thought they ought to get a rebate on the spirit-tax. It affected chemists very seriously, although he did not think it was primarily aimed at them. There was a matter of about 7*s.* per gal. increase on ordinary 90-per-cent. rectified spirits, from 9*d.* to 10*d.* per lb. on rectified tinctures, and other tinctures containing less spirit in proportion, so it was a serious thing to all of them. They were told they could charge the public the extra duty, but their position was so peculiar he did not think they could do that.

Dr. Symes considered a crisis in the history of their calling had been reached. Mr. Lloyd George evidently thought he would be putting a tax on luxury if he taxed whisky, but it had not seemed to occur to him what an unfair impost it was on chemists. They had to pay large sums of money for their education and work long hours in the service of the public, for which they never got properly paid. He had written to Mr. Lloyd George pointing out that the chemists could not recover, but if they did it would be at the expense of the sick and afflicted. He thought there should be a rebate on spirit used medicinally, and hoped the members of the Association would do their best to secure this.

Mr. John Bain thought it was a tax on luxuries and a super-tax on the incomes of the very rich. He had not the slightest doubt when their case was put before the Chancellor of the Exchequer he would see he had been very unfair to a deserving body of men. Mr. Lloyd George had shown consideration to doctors who had motor-cars and consideration to those who use petrol commercially, which all pointed to the fact that chemists would receive favourable consideration. Looking over a wholesale price-list he could pick out hundreds of different articles in which spirit is used and the price considerably raised by the extra tax.

Mr. Hornblower mentioned the result of the meeting in the London Chamber of Commerce, and Mr. Moreton Parry agreed with Dr. Symes, that action should be taken, while Mr. H. Capper supported Dr. Symes's suggestion of a deputation from the Pharmaceutical Society, and stated that he had written a personal letter to the Chancellor and to the member for his division about the matter. If all chemists would act in the same way, such a pressure would be brought that the Chancellor would listen to it. Mr. J. Haddock advocated that spirit used for medicinal purposes should be duty free, and suggested a resolution to that effect. Mr. A. Reed did not think there was much hope of getting the rebate. Mr. A. S. Barr suggested combined action by all Chemists' Associations with the Pharmaceutical Society. Dr. Symes then moved, and Mr. Bain seconded, the following resolution, which was unanimously agreed to :

> At a meeting of chemists of Liverpool the chemists deplored the necessity of an increased tax on spirit, which was a very serious matter for them in their business, and they petitioned the Chancellor of the Exchequer to grant a rebate on all spirits used for medicinal purposes equal to the impost. Mr. J. Bain seconded the resolution and it was carried.

It was decided to send a copy of the resolution to local members of Parliament, also to the Pharmaceutical Society, asking them to support it.

LONDON.—A largely attended meeting of chemists, convened by the Pharmaceutical Defence Union, was held in the Horticultural Hall, Westminster, on Wednesday evening, May 12, Mr. W. Fred. Gulliver in the chair. The proceedings were entirely devoted to the increased spirit-duty. The Chairman having briefly referred to the matter, Mr. Woolcock (Hon. Secretary) said the tax was one pharmacists could not afford to pay themselves. If they could not succeed in getting exemption, then they ought to take united action by increasing the price of articles in which spirit is used. Personally he did not think that Mr. Lloyd George ever intended the duty to be charged upon alcohol used in medicine. He moved :

> That this meeting urges the Council of the Pharmaceutical Defence Union to take prompt action, either in conjunction with the Pharmaceutical Society or alone, and to endeavour to secure the exemption of chemists from the extra spirit tax, and failing this, to take such steps as will prevent the tax falling on retail chemists; and pledges itself to support the Council in their efforts.

Mr. Pentney seconded the motion, and a long discussion ensued, in the course of which there was strong speaking, some pessimism, and, on the whole, considerable doubt as to the possibility of any scheme being devised under the present system whereby rectified spirit used solely for medicinal purposes can be differentiated from distilled spirits used for other purposes. The speakers were Messrs. Simpson, Harvey, Barrett, Goldthorpe, Edmund Jones, John Marshall, Palmer, Cofman, Bolshaw, Higgs, Feaver-Clarke, Harrison, and Pentney. Mr. Woolcock agreed, on the suggestion of Mr. Edmund Jones, to associate the Pharmaceutical Society and the Federation with the P.D.U. in the motion, and so amended it was unanimously carried. Mr. Jones pointed out that the North Staffordshire Association moved in the matter a week ago, and as Secretary of the Federation he had written to all affiliated associations on the question.

Hospitals and their Contracts.

HOLBORN GUARDIANS.—Messrs. Manners & Hopkinson, the contractors for drugs, have intimated that they must raise the prices of spirituous preparations, and the Board has agreed that the clerk should arrange with the firm as to the extra payment.

CARDIFF GUARDIANS.—Messrs. John Richardson & Co., Leicester, Ltd., have intimated to the Board that they will have to make an additional charge for all spirituous pre-

parations in accordance with the increased duty. The Clerk to the Board replied that such new duty as is actually paid in respect of goods supplied can be added to the contract price, but that the Guardians will require evidence that the firm have paid the duty. The Board have agreed to postpone for the present paying the extra sum until the Chancellor of the Exchequer decides what shall be done as regards the duty on spirituous medicines.

London Hospital.—An official of this hospital has, speaking to an interviewer, stated :

> Chloroform and ether have gone up a shilling a pound; we order these articles by the half-ton. The increase in rectified spirits will cost us about 150*l.* a year extra.

York Dispensary.—A local paper states that the rectified spirit used in this hospital will cost 15*l.* more a year, exclusive of the increased cost of spirituous medicines generally.

Saltcoats Guardians.—Mr. F. E. Johnson, chemist, Bridge Street, Hull, has asked the Board for an extra allowance upon his contract prices for spirituous preparations. The Board has referred the matter to the Finance Committee for consideration.

Higher Prices.

Boots (Ltd.) have advanced their prices for spirituous medicines; also most other chemist-companies.

Messrs. Frazer & Green, Ltd., Glasgow, have advanced the prices of tinctures, spirits, and perfumery by 10 per cent.

Messrs. Ashton & Parsons, Ltd., have advanced the price of homœopathic medicines from 1*s.* 3*d.* to 1*s.* 6*d.* per dozen.

Plymouth and district pharmacists have advanced the prices of tinctures and spirituous preparations from 1*d.* per oz., according to the strength of alcohol.

The Isle of Thanet Chemists' Association have announced that the prices of preparations containing the alcohol will be raised in proportion to the increased spirit duty.

Soluble Essences.—The following is the text of a circular issued on May 7 :

> We, the undermentioned manufacturers of fruit and soluble essences, very much regret that the large additional spirit-duty of 3*s.* 9*d.* per proof gal., an increase of 34 per cent. (bringing the total duty on proof spirit to 14*s.* 9*d.* per gal., and on 68 over proof to 24*s.* 9*d.* per gal.), necessitates an immediate additional charge on all essences of 6*d.* per lb. to meet this impost :
>
> A. Baker & Co., Manchester.
> Barnett & Foster, London.
> A. Boake, Roberts & Co., Ltd., London.
> Bratby & Hinchliffe, Ltd., Manchester.
> Burgoyne, Burbidges & Co., London.
> W. J. Bush & Co., Ltd., London.
> Clayton & Jowett, Ltd., Liverpool.
> The Confectioners, Vegetable, Colours, and Fruit Essences Co., Ltd., London.
> J. Cummock, Glasgow.
> Duckworth & Co., Manchester.
> C. W. Field, Liverpool.
> William Hay, Ltd., Hull.
> London Essence Co., London.
> W. Meadowcroft & Son, Ltd., Blackburn.
> Stevenson & Howell, Ltd., London.
> John Stow & Co., Hessle.

Of Wine-licences.

The House of Commons on Monday evening reached the licences part of the motions for increased taxation, of which full particulars were given in the *C. & D.* last week (Sup. 703), and they were duly passed. We quote notes on the subject which we have received :

Mr. J. Murison, managing director of Parke's Drug Stores, Ltd., has written to Mr. Lloyd George as follows: "Your proposed higher rates for off wine-licences (3*l.* 10*s.* for premises under 30*l.* annual rental, and up to 10*l.* for rentals of 100*l.* and over) will seriously interfere with the sale by chemists of medicated wines. These consist chiefly of Liebig's Meat and Malt Wine, Coca Wine, Wincarnis, which are often prescribed by the medical profession. My company hold twenty-eight off wine-licences, and the result of this higher rate of duty will simply mean that we shall have to surrender the whole lot of them, and this statement is also applicable to almost every chemist in London and the provinces. Is it not possible to create a medicated-wine licence for chemists only?"

Mr S. T. Nicholson, Hon. General Secretary of the National Chamber of Trade (Hull), in a letter to the Chancellor says: "Chemists who hold a wine-licence to enable them to sell such so-called medicated wines as 'Wincarnis,' 'Hall's Wine,' 'Mariani Coca Wine,' 'Armbrecht's Coca Wine,' etc., will be considerably affected. The following is a typical case of a chemist who pays 2*l.* 10*s.* for an off wine-licence in order to sell the above-named wines, the turnover in which is about one-fortieth of the total takings. The shop is heavily rated, being assessed at 140*l.* per annum; and the cost of a licence would under the Budget proposals be increased to, we believe, about 10*l.* We respectfully submit that these proposals, if carried out, would be a great injustice to this section of traders. My committee suggest that those who hold a licence under the conditions indicated should be treated as it is proposed to treat restaurant-keepers, whose whole business is not in drink, and who are allowed a rebate on account of their premises being used for other purposes than solely for the sale of drink."

Mr. Crooks, M.P., speaking at Woolwich on Wednesday evening, said he had the permission of Mr. Lloyd-George to make known the exact position with regard to the charges on premises licensed for the retail of wines and spirits that were used for other purposes, and especially with regard to chemists. It had been pointed out that if these persons were taxed on their assessment value it would be manifestly unfair. Mr. Lloyd George assured him that it would not work out in that way. A fair and honest consideration would be given to the value of the department which was used for the purposes of the retail of beer, spirits, etc. [It follows from this that if the sale of wines form, say, a tenth of a chemist's sales and his rent is anything up to 300*l.* a year, the licence will be 3*l.* 10*s.* a year.—Editor *C. & D.*]

From the Press.

The daily newspapers began to see the effect on medicines of the increased duty about Tuesday, May 4, since when we have received a large number of cuttings about the matter. To a large extent these indicate a common origin, so that to quote all would be needless repetition. The following sufficiently indicate what our contemporaries have said :

"Putting medicine that heals almost beyond the reach of the sick poor is one of the immediate results of the Budget. . . Hospitals and dispensaries where drug bills amount to thousands of pounds per year will have to obtain a large number of additional subscriptions."—"Burton Daily Mail."

A Hampstead chemist told a "Daily Express" representative that in districts like Hampstead the price of most medicines will be increased by 3*d.* for an 8-oz. bottle. Other chemists confirmed this figure. The medicine-tax will mean an addition of thousands of pounds to the expenditure of the hospitals of the country.

"As a pharmacist and chemist, I would like to point out that Mr. Lloyd George's tax on alcohol will mean dearer medicines for the poor, and hospitals and other charities, whose drug bills are already immense, will have them enormously increased."—John Gerard Hughes, F.C.S., M.P.S., Southampton, in the "Daily Mail."

In commenting on this Mr. Roy de G. Griffith, L.R.C.P., M.R.C.S., points out that "not only will the general public suffer, but those doctors who are in the habit of dispensing their own prescriptions will also suffer, and suffer greatly, as fees cannot be regulated according to the rise and fall of taxation and of trade prices. There is one, and only one, way out of the difficulty, and that is for the tax on alcohol used medicinally to be abolished *in toto*."

"The extra duty on spirits will cause great hardship on the hospitals, medical charities, surgeons, and the poor generally. The extra cost to the hospitals alone will amount to some thousands of pounds per annum. It is of great importance that the secretaries of hospitals and all those interested in charities should do all they can to get an abatement on the duty on spirits used in the manufacture of tinctures, etc."—W. E. Wyborn, M.R.C.S., L.R.C.P., in the "Daily Mail."

The "Yorkshire Herald" has reported a conversation with Mr. S. Scruton, J.P., of Messrs. Raimes & Co., wholesale druggists, York, who said "the drug-trade has been hit severely." Mr. Scruton gave examples of the preparations which are in common use, and which are bound to go up in price. Mr. A. Humphreys, of Bleasdale, Ltd., said to the "Herald" interviewer that "the spirit-duty will cause quite a revolution in the wholesale-drug business for the time being," for "the probability is that the consumer in certain cases will not have to bear the burden of the duty." The "Herald" sums up the situation in the words of the *C. & D.* letter of April 30, which appears to have been handed to the interviewer.

Interviews with Messrs. Allen & Hanburys and Mr. E. A. Webb (Evans Sons Lescher & Webb) have also been published. Mr. Webb said to the "Daily Graphic" that "in the majority of instances it will be the unfortunate chemist who suffers. Competition in the retail trade is so strenuous that I do not

see how it can be otherwise. He ought not to lose . . . . but in most cases, in big towns at any rate, I feel sure he will have to stand the racket."

Dr. A. Stodart Walker expresses the medical point of view in half a column of the "Scotsman." His most cogent non-party opinion is: "The result of this extra taxation means one of two things—either that the practitioner sacrifices one of the most valuable methods of preventative, more particularly of curative medicine, or that he continues the legitimate use of this method at a great sacrifive to himself."

"A Pharmaceutical Chemist" communicated to the "Standard" an article on "The Disastrous Effect of the Budget on the Trade of Chemists." He shows the inexpediency to chemists of advancing the prices of many things containing spirit, and says: "In all parts of the country the Chancellor of the Exchequer has been approached by chemists, whose desire it is that spirit used in medicinal preparations shall be exempt from the extra duty. This is not a new question, but hitherto the Inland Revenue authorities have not felt justified in differentiating between spirit used in beverages and spirit used in medicines, for the reason that the consequent loss to the revenue might be more real than apparent."

Pharmaceutical Society of Ireland.

COUNCIL-MEETING.

THE Council met at the Society's house, 67 Lower Mount Street, Dublin, on Wednesday, May 5, at 3 o'clock. Mr. John Smith (President) was in the chair, and the other members of the Council who attended were Messrs. Thomas Batt, George D. Beggs, R. Blair, John E. Connor, J. A. Walsh, L.R.C.P.&S.E., D. M. Watson, and W. F. Wells.

The Spirit-duty.

The President said: Before we proceed with the business on the agenda paper, I should like to refer to the great increase that is about to take place in the price of alcohol, as disclosed in the Chancellor of the Exchequer's statement made the other day. This is a matter that will affect us very seriously; and as this is the only opportunity that we shall have of giving expression to the views held by the members of the Council, I think we ought to put them into some definite form and have them transmitted to the proper quarter. Some may think that it would be a futile step to take; but I am not so sure of that. You are aware that the proposed increase works out at about 6*s*. per gal. on 90-per-cent. alcohol, and considering the large quantity of alcohol used in medicines, it is a very serious matter for the pharmaceutical chemists and dispensers of medicines throughout the country.

Mr. Blair: I have no doubt that the Chancellor of the Exchequer was thinking altogether of the distillers and of the publicans, and that he never thought of the effect that his proposal would have on us. It will enhance the cost of medicines, which will be a great handicap to the poor. I think we ought to send a memorial asking him to exempt chemists from this increased duty.

Mr. Watson: We are already only allowed to deal with these things by a sort of grace; but it is certainly worth while to try to get a remission of the duty if we do not get an exemption altogether for medicines, as I believe is the case in Germany.

Mr. Wells: I have great pleasure in supporting the suggestion of the President. I certainly think we ought to approach the Chancellor of the Exchequer on the subject. It may be that he has not at all contemplated putting a duty on the public in this way; but it will, if carried out, heavily affect all the hospitals and dispensaries in the United Kingdom, and also the poor-law unions. In Germany and France a rebate is given on spirits used for medicinal purposes. I think we ought not to lose this opportunity of drawing the attention of the Chancellor of the Exchequer and also of some of our members of Parliament to the effect of this immense increase of practically 6*s*. a gallon on spirits used by chemists. The increase will not only touch the public, but ourselves very seriously. There are a great many preparations in which spirits are used, and for which we shall not be able to get an increased price from the public.

The President: I think the best course is to refer it to the Law Committee to draft a memorial on the subject, which can be sent to the Chancellor of the Exchequer and to some of our members of Parliament.

The suggestion of the President was approved of.

Dr. Walsh asked for and obtained leave to use the board-room for the purpose of holding a meeting of pharmaceutical chemists in the course of a few weeks for the discussion of matters connected with the proposed taxation and the question of prices generally.

Correspondence.

A letter was received from the Hon. Secretaries of the British Pharmaceutical Conference inviting the Council to send delegates to Newcastle-on-Tyne next July. The President and Messrs. Wells, Beggs, Blair, and Watson were nominated to attend the Conference.

Thanks were voted to Messrs. Southall Bros. & Barclay, Ltd., for their donation of a copy of "Southall's Materia Medica."

The Report of the Examiners

showed that at the last Preliminary examination thirty-one candidates presented themselves, of whom fourteen passed; at the examination for the licence twenty-eight candidates appeared, of whom seven passed; at the Assistants' examination six presented themselves and passed; and at the Registered Druggists' examination ten candidates presented themselves, of whom three passed.

On the motion of Dr. Walsh seconded by Mr. Wells, Mr. George Brown was re-elected one of the examiners for the practical pharmacy division of the Licence examination.

Section 2 Licences.

The President called attention to the fact that licences for the sale of agricultural and horticultural poisons had been granted by the Kilkenny Urban District Council, who were not the proper authority to grant them. The Registrar would read their reply to a letter of his to them on the subject. One of the licensees was a member of the District Council, and took part in the meeting which granted the licences.

The Registrar's letter to the Clerk of the Kilkenny Urban Council was as follows:

> Having observed from the public Press that the Kilkenny Urban District Council have granted applications for licences under the Poisons and Pharmacy Act, 1908, I have to ask you to kindly state by what authority your Council claims the right to issue such licences as by Section 2, Subsection 4, of the Act licences may only be granted by the Council of the county.

The reply of the Clerk of the Kilkenny Urban Council was that they had not a copy of the Act before them and were under the belief that they were the local authority to grant the licences; but that, on finding that the County Council was the proper authority, they had cancelled the licences that had been issued, and the applicants for them were applying anew to the County Council.

The President said the reply was satisfactory. Following up the correspondence, a circular had been drafted and sent to the Clerks of all the County Councils throughout Ireland calling their attention to the fact that the Act never contemplated the granting of licences in districts where there are already ample facilities for obtaining poisons.

The Registrar said that forty circulars had been sent out.

Other business having been transacted, the Council separated.

"Drugs and the Drug-habit," by Dr. Harrington Sainsbury, F.R.C.P., published on Thursday, at 7*s*. 6*d*., by Messrs. Methuen & Co., is a book of over 300 pages. We have only read the first chapter so far, and find it interesting.

The Federation of Local Pharmaceutical Associations expect to have a bumper meeting at Newcastle in July. The meetings in London this week have more than justified dropping the meeting originally proposed.

Chemists' Exhibition.

THE Royal Horticultural Hall, Westminster, is the scene of an exhibition of drugs, pharmaceuticals, optical goods, and druggists' sundries connected with, or used in the business of, a chemist and druggist. The Exhibition, which has been organised by the "British and Colonial Druggist," contains the stalls of about ninety business-firms, and although to readers of this journal the novelties shown are few we have endeavoured in the following notes to indicate the most interesting points as far as space permits. The Exhibition remains open till Friday night.

THE ARGONAUT VARNISH CO. have a comprehensive display. Gilded and silver plaster-casts are noticeable, and examples of coloured straw plaits and stain-woods, which illustrate the quality and finish of the Argonaut goods.

BAISS BROS. & STEVENSON, LTD., make cod-liver oil emulsion the *pièce de résistance* of their exhibit. The emulsion is obtainable put up in six styles, each distinct as regards bottles, cartons, and showcards. The bottle which was last added is panelled and bold. For the summer there are shown effervescing Carlsbad salt and a variety of packages of saline. The Carlsbad salt is obtainable in three distinct styles of packing, so that the proprietaries of neighbouring chemists need not clash. Hygeia salt in square tins with lever top is a cheap and attractive line.

T. K. BELLIS TURTLE CO. exhibited turtle-products, including jelly and soup in tins and bottles, *pâté* in glass jars and cup in squares. Turtle-oil soap costs 2*s.* 6*d.* per tablet. On this stall F. W. Bowden showed Louene, a sleep-inducer, and Tomee, a toothache cure, while Homocea, Ltd., had a small display.

BENDIT, LTD., show Bendit's meat port, or Nutrovin, the features of which are that the base is Alto-Duro port with meat nourishment, not extractives, equivalent to 7 per cent. of fresh lean beef. Demonstrations, chemical and clinical, are being given to prove these claims.

BERKEFELD FILTER CO., LTD., have a corner-stall on which they show the Berkefeld filter and Winco pumps. The simplicity in construction and rapidity of filtration is shown in a centre stand, to which four filters, worked by a pump, are affixed. The various sizes of house filters comprise the main portion of the display.

A. BERLINER's exhibit is chiefly devoted to surgical dressings. A pleasant chat with Mr. Berliner brought out several interesting points in connection with the development of his business and perfection of the various products. Take gauze tissues, for instance. The surgeon finds in using them that flecks of cotton-wool escape and adhere to his clothes, causing a little unnecessary trouble. By the very simple device of enclosing the cotton-wool in a tube of gauze the tissue is rendered much less "messy" to use. A rubber-department has recently been added to the business, and includes the large number of druggists' sundries in which rubber is an ingredient. In toilet preparations new lines are the "507" dentifrice, each bottle being in a casket, *poudre de riz* in attractive square boxes, and the Victoria tooth-paste in collapsible tubes.

JAMES BOULTON & CO., LTD.—This exhibit is made up of a great variety of packed goods for chemists. The latest introductions are Dentaline tooth-powder, Nailene nail-polish, Restorine hair-wash, Anti-sting (bite preventive and cure), shaving cream in bowls, the Bellairs series of toilet preparations, Emancipation rheumatism-rings, Hazel Foam, new styles in carbolic tooth-powder, and Electric teething necklaces. The "Ladies' Friend" syringe is an improved rubber syringe for women's use. Restorine is advertised by an automatic album, which alternately displays the picture of a lady before and after the use of Restorine for the hair.

W. H. BOX, of Giant Pill fame, has a stand chiefly devoted to this remedy, which is on the P.A.T.A. list. The pills are boxed to sell at from 1*s.* 1½*d.* up to one guinea, according to quantity. Golden Fire is a liniment which Mr. Box has lately introduced for rheumatism, lumbago, gout, and similar complaints.

BRAND & CO., LTD., have an effective display of their specialities for invalids, prominence being given to the essences of beef, mutton, veal and chicken. Their home-made beef-tea is now put up in a new and attractive style in bottles ready for use, and the company show beef-tea tabules to retail at 2½*d.* One tabule makes a cup of beef-tea by merely adding boiling water.

BRITISH AUTOMATIC AERATORS, LTD., enlarge on the advantages of the Consol syphon-filler. The fact that no power is required, the machine providing automatic and complete aëration, is the chief advantage. The small floor-space required, rapidity of aëration, and the facility with which it meets all demands are other features.

THE BRITISH DIAMALT CO. have a stall, upon which is a stack of Diamalt in packages of various sizes. The extraordinary diastatic activity of Diamalt has been referred to in the *C. & D.* on more than one occasion.

THE BRITISH DRUG-HOUSES, LTD., have a well-organised exhibit, which is divided into three sections: (1) Chemicals for pharmaceutical purposes; (2) galenicals and packed pharmaceuticals; and (3) perfumery and toilet-requisites. In the first division we must mention the samples of chemicals contained in the upright cases at the two corners of the exhibit. These chemicals (including scale-preparations) are the company's own manufacture, and are taken from stock—not specially prepared for exhibition purposes. To section 2 belong the very successful Ficolax and kindred fig-syrup. The last-named is put up in several distinct styles of package, but the products are equal in quality. Otango is a topical preparation for neutralising the stings of insects; its efficacy is undoubted. Carlsbad salt, Squirrel Brand eucalyptus oil, Formactose (throat-tablets), Esvach-water, capsules, compressed tablets, and pills are other features. A good show is made of perfumery, and Frozen Foam must be mentioned as a reminder.

W. & J. BUSH, LTD., have a reputation for enterprise in connection with this Exhibition, and they go one better this year. Their series of stands near the emergency-exit were a scene of activity even on the quiet afternoon of the opening-day, and many patrons were taking advantage of free telegraphic and telephonic communication and conning the latest Press news. The chief exhibit was a magnificent central floral trophy of beautiful many-hued carnations to illustrate a recent addition (carnation) to the natural-perfume series, which are quite true to odour and name. Among the conflicting odours coming into contact with the olfactory nerves the delicate yet insistent odour of carnation compels notice. Many beautiful and striking novelties in packed perfumes are shown for the first time. The expense and trouble taken over the labels are illustrated in the case of a nickel embossed label with a dull surface, which fits into a recess in the bottle, for a new line of Fleur de Rêvé. The label is a work of art. A sachet is also available in the carnation series, while among the other natural series to which special attention is being called are narcissus, daffodil, night-scented stock, natural English violet, and Japanese clover. The get-up of the Cupidor perfume and the red one of Floreina eau de quinine is really striking. An old favourite—Potter & Moore's lavender-water—is also shown. Recently added variations are a 1*s.* line and a 6*d.* sachet.

CAMWAL, LTD., in their reception-room, show all descriptions of aërated waters for domestic use. The advertising-novelties, which are always interesting, include electric and gas syphon-lamps, giant syphons, advertising-signs, syphon-coolers, etc. Camwal are making a special appeal to chemists whose sales of table-waters have fallen off. If such would only consult the company in the scheme which is now being evolved, it would, we are assured, lead to mutual benefit.

THE CHAMELEON OIL CO. have a corner exhibit, where the two varieties of Chameleon oil are shown. These are already familiar to readers of this journal.

THOMAS CHRISTY & CO. exhibit a large variety of toilet-goods. There are many new designs in labels for tooth-pastes, toilet-creams, tooth-powders, and hair-preparations. One of these which particularly attracts attention is the work of an R.A. exhibitor. Here may be seen Woltat (foot-shampoo), Pumesop (soap in leaves, for motorists), Sectare (for insect-stings), Mum (perspiration deodorant), and Man-i-q (a new-style nail-file). The shape of cakes of toilet-soap has become somewhat standardised, but at this exhibit is a cushion-shaped cake which should attract customers by reason of its new shape. Tin tooth-powder bottles are now much used, and can be supplied filled with

dentifrice to any formula. Pump-sprays are further improved from what we have seen at Messrs. Christy's on previous occasions. Strobin, the season for which is now on, is also shown.

Arthur H. Cox & Co., Ltd., show pills and tablets in general, with lactic-acid tablets as the chief novelty. A cheap form of incubator for curdled milk is shown in action. The "machine" sells at 3*s*. Brimstone-and-treacle tablets are a compressed medicament, and in this differ from those with toffy-basis. Tamarind-pellets, recently introduced, are large lozenges finished by dipping in melted chocolate and wrapping in tinfoil. The pellets are employed as a laxative. Visitors to this stall will note an enlargement of the novel and humorous advertisement which appeared on the back page of the *C. & D.* on May 1.

Cresswell Bros. & Schmitz Branch (International Sponge Importers, Ltd.) have a square building entirely constructed of sponges in original cases. This sponge-pavilion is quite a feature now, and its height and size preclude any possibility of it being overlooked. Approximately, 50,000 sponges are on show, these including every description, and at prices ranging from a penny to a five-pound note. Among the special new lines is one in strong card boxes of assorted sizes suitable for the toilet and nursery. The Biscayne honeycomb is enjoying a steadily increasing sale, these including the new fishery of unbleached sponges for the motor-car and domestic purposes. The sponge figures for chemists' window-displays include the popular miniature "diver," which, although lately reduced in size, is now better adapted than ever for show-purposes.

The Crown Perfumery Co. have a very large apportionment of space. In the centre is a giant bottle of crab-apple-blossom perfume; at each corner is an upright showcase, the four cases being connected by means of glass-top counters. The cases contain specimens of the perfumery for which the company is famous. Recent introductions are Crown Rêve Etoilé, Caprice des Fées, and boracic Talcose powder.

Daisy, Ltd., are showing the two specialities of the company—Daisy powders and Daisy foam. Separate windows are devoted to these products, and conspicuous features are the figures, automatic and otherwise, which have long formed a distinctive feature in the company's advertising-methods.

Dalloff Tea Co. claim that Dalloff tea is the only remedy for corpulency recognised by the medical profession. Some 500 London doctors have recommended it to patients, and in proof of this assertion evidence is advanced in the shape of letters. Dalloff tea is a herbal mixture.

Danysz Virus, Ltd., are showing Danysz Virus, and the method of using it for the destruction of rats and mice. A mechanical model of a cat and mouse is supplied to chemists who make a window-display of the virus.

Georg Dralle has an interesting exhibit of Illusion perfumes. Artificial flowers perfumed with these non-alcoholic concentrated perfumes illustrated the illusion, the artificial sprays of lily-of-the-valley possessing a surprisingly true odour. The boxwood cases of lighthouse shape aided in making a novel display. Illusions in lily-of-the-valley, rose, narcissus, violet, heliotrope, and lilac are available to retail at 3*s*. 6*d*. and 10*s*. each. Supplementary exhibits are lily-of-the-valley soap, birch hair-water, and face-powder.

Eucryl, Ltd., the toilet-specialists, have a pretty and effective display of their tooth-powder, toilet-soap, and bath-eucryl. All the Eucryl products are on the P.A.T.A. list, and to retailers special bonus terms are given, guaranteeing 100-per-cent. profit in return for counter-displays. Under this scheme, with opening orders of three dozen tins, an extra dozen is given free, and for repeat orders an extra half-dozen are included. Special terms are also given on the Eucryl antiseptic toilet-soap in boxes of three tablets.

Evans Sons Lescher & Webb, Ltd., have a double stand in the centre of the hall. Hawley's counter-adjuncts form the principal portion of the display, but a distinctive note is struck by an exhibit of crude drugs, including fine specimens of aloes (Barbados and Socotrine), acacia-gum, benzoin (Siam and Sumatra), orris-root in fingers, rhubarb, cinchona-bark, sandal and other essential oils. Among the adjuncts the Naiad series occupies the centre wall-case and makes a handsome show, the imitation-kid finish giving a rich appearance. Effervescing saline in Wedgwood blue and the new Maiden at the Well series affords other striking examples of the modern sumptuous style of packing. Another design is shown in the carton of the Marienbad liver-salt. Among the druggists' sundries, the shop-rounds with the shield-shaped label and recess is noteworthy. Hawley's "I. K." insect-killer and the Liverpool rat-virus, baited in tins, are also there. Extract of malt and malt and oil are now packed in glass-capped jars, so that the contents only come in contact with glass. Among seasonable lines presented are sulphur and sarsaparilla salts and citrate of magnesia. Samples of Evans's antiseptic pastilles are provided to afford evidence of Mme. Tetrazzini's testimonial that the pastilles are "excellent and efficacious.

The Express Developing Co. have two wall-shows, one on each side of the entrance, of examples of their work in black-and-white, sepia and water-colours, and carbon-printing. The customer is impressed with the fact that the firm cater only for chemists, and at competitive prices. Examples of framed showcards are included in the display.

Johann Maria Farina & Co., of 2 and 4 Pantaleonstrasse, Cologne (British agent, W. Bonser Hayward, 17 Lawrence Lane, E.C.), have one of the most prettily decorated stands in the Exhibition. It is mainly devoted to the St. Pantaleon brand of eau de cologne, which is put up in three qualities in the usual sizes of 2 oz., 4 oz., and 8 oz. This brand, which has an excellent reputation on the Continent, has for its ingredients only the finest and purest floral essences, which give a pleasing and persistent yet delicate odour. Of high-class French perfumes Mr. Hayward has a large and varied assortment, chief among which is the Parfum Muguet and Fluid de Prairie, in various sizes. The principal feature of the stall is a giant bottle of eau de cologne (ticketed at 50*l*.), which is placed in the centre, while dotted here and there are bunches of London pride, narcissi, lilac, azaleas, spiræa, etc., the whole being completed with festoons of smilax in the form of trellis-work, which has a very artistic effect.

Flugel & Co. exhibit their three types of aërated-water machinery. The "A," or automatic, type, which is self-working, with water-main pressures of 25 lb. per sq. in. or over, is perhaps the most interesting. The other two are fitted with hand-pumps for places without regular town supplies. The aëration in all types is effected on the same principle—viz., while the water is in a finely divided condition in the pores of a Berkefeld filter—and thus aëration and filtration are effected simultaneously.

Ford, Shapland & Co. occupy a conspicuous corner with samples of chemists' printing. Cartons, toilet-rolls, and sanitary paper occupy the main portion of the counter. Suspended strings of the Turnstile fly-coil, packets of the Swift sticky fly-band, and the Swallow fly-paper herald the approaching fly-season. On the walls are multi-coloured designs of labels to illustrate some of the variety available. Samples of circulars, wrapping-paper, ledger and cash books are shown to impress the visitor that the firm can cope with all kinds of printing-requirements.

Frame Food Co., Ltd., have a pretty exhibit, with a full range of samples and literature. The goods shown include Frame-food extract, jelly, cocoa, and biscuits, not forgetting Racia food, especially suited for babies and nursing mothers.

The Hutchinson Co. devote their space to rubber goods—water-beds, air-pillows, hot-water bags, sponge-bags, bathing-caps, etc. Fresh introductions are the Vanoric bathing-caps, in red or grey rubber, which have an inside band of stockinette to prevent perforating the rubber by the fingers when putting on the cap. A special shape is shown in grey rubber hot-water bottles. Another feature is Hutchinson's adhesive "heftband" in ribbons.

Idris & Co., Ltd.—This exhibit will be the Mecca of many a weary pharmacist during the week. Here, amidst cool greenery, one may sample cool beverages and have the merits of Idris novelties explained by Mr. Ashton or Mr. Peck. Messrs. Idris, among other things, are specialists in lime-juice, and have been able to combine a flavour which is peculiarly elusive into some particularly pleasant beverages. The flavour of the company's lime-juice cordial

and Koolime is excellent. An advertising-novelty in the shape of a cut-out Chinaway syphon is good as a trade-fillip at the commencement of the season. Customers who can be induced to commence drinking syphons of aërated beverages at this time of the year generally keep on till the winter.

Ingram & Royle, Ltd., have on their stand samples of all the chief foreign mineral waters. These include St. Galmier (source Romaine), Evian (Cachat), Giesshubler (Mattoni), and Vichy (Celestins, Grande-Grille, and Hôpital).

J. S. W. Preparations, Ltd.—This exhibit is in charge of Mr. Arthur Stannard. Mrs. Stannard (John Strange Winter) was there at the time of the visit of our representative. The list of toilet-preparations is being further extended, the recent additions being toilet-salt, "1315" dressing, and Pêche Marquise (a liquid rouge). In connection with the last-mentioned preparation we quote a passage from a delightful booklet which the inventor has written:

> I am often asked whether I consider it right for anyone to rouge. Now, to be candid, I think a person who rouges with the usual powder sold for the purpose is absolutely wanting in common sense. Rouge in a theatre is applied over grease, and therefore will not in the least hurt the skin; but rouge put on to the bare skin is mischievous to the last extent. Pêche Marquise is absolutely harmless; but it is not a rouge, it is merely a tint. It is best applied with the tip of the finger. It should be applied more deeply than is wished, the edges should be carefully toned off, so as not to appear patchy, and powder should be applied when perfectly dry.

Jeyes' Sanitary Compounds Co. have on view specimens of the various Cyllin preparations. These are now numerous, Cyllin being employed not only in surgical dressings, but in the form of capsules, inhalant pastilles, and syrup as an internal antiseptic. The Rideal-Walker coefficient ranges from 9.3 to 54.8, according to the organism employed in the test.

Lescol Perfumery Co. have the following new lines on show: The Imperial souvenir, containing a bottle of Imperial bouquet perfume, a cake of Imperial soap, and a box of Imperial face-powder; Excelsis bouquet, and Damask greaseless cream. These are in addition to the numerous special perfumes made by the company, and which are already familiar to *C. & D.* readers.

W. Martindale has a good show of pharmaceutical products. This firm is the original manufacturer of amyl-nitrite glass capsules, and, as the pioneers, have been able to keep well ahead. It is satisfactory to know that the sales are constantly increasing, the export trade showing up well in this respect. Radium salts have been for some time a special line—in fact, ever since radium came within the sphere of commerce-activity. There is a good demand for radium bromide now that the curative properties of radio-active preparations are becoming better recognised. Ung. thorii oleas is a new form of applying a radio-active salt to the treatment of eczema. Other special items at this exhibit are Arsamin (organic non-toxic arsenic compound), Glycetracta, Lithion, Steriloid dressings, Tylmarin, Trilactine tablets, dental pharmaceuticals, and infants' food. This exhibit includes a number of galenicals made from recent formularies, such as the "Canadian Formulary," and should lead to the popularising of the pick of these preparations.

Menley & James, Ltd., devote their display to Gilidine and its products. The properties of the concentrated proteid food and the advantages of its derivatives are the theme of the discourse at this stall. The various compounds have been recently described in the *C. & D.*

N. W. Mitchell & Sons, Ltd., specialise in corks for chemists, doctors, and dispensers, in which they have a large and increasing business, brought about mainly by low prices, good quality, and prompt despatch. The interesting booklet "About Corks," mentioned in the *C. & D.* last week, tells this and more. A speciality of the company is the branding of the customer's name and address on the top of the cork, which adds a mere 3½*d.* to the gross. Corks are also supplied for every trade and profession, both home and export.

The Nyto Co., the distributing-agents for which are T. F. Bristow & Co., Ltd., is already known to our readers. The advantage claimed for Nyto is that the shampoo-powder kills the vermin at one operation, and has not the greasiness of many lotions and ointments. Nyto sells at 18*s.* per gross net and retails at 2*d.*

The Offord Patent Hygienic Truss Co., Ltd., are exhibiting the Offord hygienic truss, with which most of our readers are familiar. A new type of truss for children is nearly ready for the market, while the variety of pads has been increased to meet the demands of difficult cases. To facilitate the supply of these trusses a measurement-card has been drawn up, by the aid of which a relation is established between the Offord truss and the measurements-notation of ordinary trusses.

O'Neil, Zetts & Co., the manufacturers and proprietors of Zetts' dry-cleaning cloth-ball and antiseptic moth-tablets, devote their stand to these products, which bear a profit of over 100 per cent. to the retailer. If necessary, they are prepared to supply lots of not less than 3 doz. with the name and address of the chemist.

W. T. Owbridge, Ltd., the proprietors of Owbridge's lung-tonic, have a pretty stand with mirror back, where customers can see the latest advertisement-souvenirs. A clockwork window-model is one of the forms in which the lung-tonic is popularised, and there are two or three new designs in showcards, which can be had for the asking.

Papier Poudré, Ltd., make their stand noticeable by the introduction of a life-size wax figure. This, with a bust with hair dressed in the Empire period, is used with excellent effect to show the method of employing Lehcaresor toilet-preparations. The special feature of this exhibit is the 4½*d.* size books of papier poudré, which were referred to some weeks ago in this journal.

Parke, Davis & Co. have a wall-space where is being shown a selection of the firm's special preparations. The chief novelty is the Euthymol cold-cream, put up in collapsible tubes. This cream is one of the modern "greaseless" variety, and is free from stickiness. Euthymol tooth-paste is still to the fore, and is being advertised by an elaborate automatic figure. This window-attraction is lent to chemists on certain conditions. A pretty new Euthymol showcard in the shape of a seal (the "seal of quality," suggested Mr. Nash to our representative) would be an ornament to any pharmacy. Emphasis is given to the pill-department by the exhibition of a huge tube of coated pills. The tube contains, we were told, a quarter of a million pills, and they are arranged in strata of various colours. To the right of the exhibit is a pepsin-display consisting of pepsin in scale and powder, lactated pepsin, pepsin-tablets, essence of pepsin, and glycerole of pepsin. The last-mentioned is of remarkable activity, 1 minim being stated as capable of digesting 300 grains of coagulated albumen. Mention should also be made of hydrogen peroxide, the firm's manufacture having acquired a special reputation owing to its stability. It is conveniently sent out in 4-oz., 8-oz., and 16-oz. bottles. A special display is being made of articles protected from cutting by means of the P.A.T.A. scheme.

Honoré Payan exhibits perfumery in bulk and boxed, the former including Rose Lys, a perfume of the highest quality, listed at 8*s.* 6*d.* per lb.; while in boxed perfumes a speciality is Scabieuse, a *recherché* article in fancy cut-glass bottles, the wholesale price of which is 10*l.* 15*s.* per doz. Being a Grasse distiller, M. Payan is well placed for ottos, neroli, geranium, lavender, floral water, peach-kernel, olive oils, etc.

Charles H. Phillips Chemical Co. show Phillips's milk of magnesia and Phillips's digestible cocoa, and in connection with these proprietaries supply showcards worded "We stock . . ."

Raphael's, Ltd., have a good optical display. Among the exhibits we noticed the Territorial prism binocular, which is meeting with a phenomenal demand, and the recently introduced Territorial telescope. The feature of the latter is that the draw-tubes and mountings are japanned black like an opera-glass instead of being plain brass. The body of the telescope is covered with black morocco leather. There are three distinct patterns of this instrument. Chemists should take the opportunity of inspecting the Kryptok fused bifocal spectacle-lenses, to which reference has been made in this journal. Flashing-signs, test-types, and charts are to be found here in great variety. A note

should also be made of Houghton's patent push-pin eye-glass chains.

B. Robinson & Co., Ltd., whose original concentrated waters are known throughout the drug-trade, show all their specialities, including orange, quinine, and sherry wines. The company have recently placed on the market under the title of Lifos a new tonic wine to sell at 1*s.* 9*d.* and 2*s.* 9*d.* per bottle. Chemists who have a medicated-wine licence should write for further particulars of this wine, as special discounts are offered to the trade. Liebig's beef-and-malt wine is another tonic wine.

The Rubwel Co. devote their stand to this now well-known skin-ointment, the sales of which, Mr. Thorley assured us, are still increasing. It must be pointed out that Rubwel is not solely intended for athletes, as some believe, and with the idea of counteracting that impression another handsome showcard has been introduced, depicting a domestic scene in which the husband is applying the remedy to the foot, the wife looking on approvingly.

Sangers have a composite exhibit, which immediately strikes the visitor on entering the Exhibition. Two conical stands support a huge collapsible tube below, which is part of a model of an airship. The indication is that the firm keep pace with the progress of modern times. Four stands occupy the corners of the exhibit, and the colours—khaki on white—are quite distinctive. The conical centre-stands are panelled, and each panel is devoted to some well-known proprietary. An automatic figure between the stands shows the simplicity of the process of stropping the Auto-strop safety-razor. The counter-cases divide the corner-stands into sections, and are devoted to displays of smelling-salts, Scott's pills, Heala ointment, shop-rounds, soap-cases, Velvey sponges and stands, perfumes, enemas, and other druggists' sundries find a place here. Pine Cone smelling-salts at 6*d.* and 1*s.*, the stopper being fashioned in the form of a pine-cone, and the Bonnie Baby feeder are cheap lines. Collapsible tubes in a bewildering variety are presented, containing such things as Pine-hazel Snow, lanoline, tooth-pastes, and violet-jelly.

The Sanitas Co. have the various Sanitas specialities on show. The most prominent among the exhibits is Sanitas-Bactox, which has a coefficient of 20. Sanitas-Bactox vaporiser is an ingenious little lamp for diffusing this antiseptic and bactericide in sick-rooms. A point to note is the cheapness of the complete vaporiser—it sells at 1*s.* Showcards are now supplied with Sanitas soap and Sanitas bath-soap. The price of Kingzett's patent preserved peroxide of hydrogen has been reduced to the retailer; thus a greater margin of profit in ensured to the trade. Sanitas Blockettes are suitable as a deodorant for urinals and w.c.'s. The Blockette, which sells at 1*s.* 6*d.* retail, is a red block of volatile deodorant enclosed in a neat wire cage.

F. Schutze & Co. have a multicoloured display, this effect being due to the striking colours of the many series of sponge-bags which lined the walls of the corner-stall. A novelty is the Lotus, a seamless sponge-bag fitted with internal pockets. Among the many kinds of washing-gloves the Allegro is a type with short side-slits, which enables the glove to be made smaller than the usual patterns. Each dozen is packed in a box with a celluloid cover. The Master Lock bandage is also shown.

Scott & Bowne, Ltd., show Scott's emulsion. Tall jars of cod-liver oil, glycerin, and hypophosphites on this stall indicate the ethical nature of this proprietary article. The price is protected from cutting, and attractive showcards are supplied to retailers.

Senier's Electric Kleen Cloth Ball.—This patented article is on the P.A.T.A. list at 7½*d.*, which leaves a profit of 66 per cent. to the retailer. In addition, there are also bonuses, and chemists who wish for window-displays should inquire the terms. The Senier firm also show electro-plate powder and a carpet-renovator, to retail at 7½*d.* and 1*s.* respectively, these articles also being protected.

The Shaw Remedies Co. had Catarrhenza and Lobonia on show. The former is the Shaw treatment for catarrh and influenza; the latter is for combating hay-fever. The neat tin case with light-blue label contains a tube of each of the three preparations inhalation-capsules, lax-aseptic tonic, and balm, to retail at 2*s.* 9*d.*

F. J. Stokes Machine Co. (represented by Thompson & Capper) are showing the Eureka tablet-machine and an automatic water-still. The still is of unusual design, the advantages claimed being that it purifies the water more completely than any other still and effects a very marked saving in steam. The steam and water systems are entirely distinct, and in consequence oil from the steam never gets into the distilled water. All exposed iron surfaces are tinned to prevent corrosion. Where live steam is employed the cost per gal. of condensed water is stated to be about one-tenth of a penny. The tablet-machine has been referred to in the *C. & D.* on previous occasions.

F. H. Taylor & Sons have a large assortment of bottles and measures, but we have only space to refer to the chief novelties. In new measures a capital line is shown where the markings are of white burnt-in enamel. This makes the scale much easier to read, and by contrasting with plain etched figures a marked advantage is apparent. Cheap lines are shown in duck-shaped nasal douches, pocket-inhaler (nasal and oral), nipple-shields with transparent teats, and clinical thermometers. A good variety of tablet-crushers is also exhibited. This, as we have previously indicated, is a combined measure and mortar, with a pestle shaped to fit the interior of the vessel: the tablet-crusher is a handy form to have in the dispensary, and, as the graduations are constant, can be had stamped. The firm also make a special feature of pill-tubes and ampoules. The latter were first advertised in The Chemist and Druggist. The pill-tubes, which are made to take corks or fitted with metal caps, might be more generally used, considering the reasonable price at which they are supplied.

The United Alkali Co., Ltd., devote a small stand to household chemicals and disinfectants, mostly in packets, suitable for the retailer. These include chloride of lime in packets and in tins, pearl-dust (a water softener and cleanser) in paper packets and bags, and double-concentrated soda in tins, for making soap. Representative samples of chloroform, caustic soda, bicarbonate of soda, soda-crystals, chloros, etc., were also shown.

Velvix Toilet Co. show Velvix toilet-specialities. Velvix bouquet, toilet-cream, liquid dentifrice, and eau de cologne occupied the prominent positions.

The Viscose Development Co., Ltd., whose unique bottle-caps have been fully described in the *C. & D.*, have a neat corner-stand showing the many varieties of capping to which Viscose lends itself. In order to meet the wishes of their clients, the company have just introduced an improved quality, which is opaque, so that there are now two qualities—"transparent" and "opaque." Both varieties can be had in colours as well as plain white, our attention being called to a new and lighter shade of green and blue which are standards for the transparent-quality caps. The opaque quality can now be supplied in red, blue, and green, in addition to the familiar white opaque.

Exhibits are also made by the Anglo-Continental Trading Co., Beaufoy & Co., F. L. Ballin, Bruce, Green & Co., Ltd., Caledonia Springs Co., Ltd., Mrs. Ellen, Findlater & Co., Friedrichshall Water Co., Manhu Ford Co., Ltd., O. A. Pfiefer, Rocla Co., Ltd., Raub & Sons, Sutley & Silverlock, F. Shurman, J. Theobald & Co., Williams & Co., Ltd., and Young's Patent Hygienic Bin Co.

Information Wanted.

Inquiries for the names and addresses of manufacturers, or other trade information, not traceable by reference to the advertisement-pages of "The Chemist and Druggist" and the "C. & D. Diary," or not filed in our private register, are inserted here free of charge. Postcard or other replies to any of the subjoined inquiries (addressed to the Editor "The Chemist and Druggist," 42 Cannon Street, London, E.C.) will be esteemed.

42/46. "Puricene," a disinfectant: where obtainable?

41/50. What scent is used to put on worms for trout-catching?

52/51. Manufacturers of "Field's" cattle oil, or where obtainable.

46/4. Makers of "Quincine" (a preparation of quinine) or where obtainable.

41/33. Makers of cheap perfume sprays, such as are retailed in 6½*d.* bazaars.

41/7. Makers of or agents for "Scott's Creosote Capsules" and for "Des Voges Corn Cure."

Trade Report.

NOTICE TO BUYERS.—The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers stock the goods. Qualities of drugs and oils vary greatly, and higher prices are commanded by selected qualities even in bulk quantities. It would be unreasonable for retail buyers to expect to get small quantities at anything like the prices here quoted.

42 Cannon Street, London, E.C., May 13.

BUSINESS conditions remain much the same as previously reported, but complaints as to its meagre proportions are more frequent than usual this week. The feature of interest has been the break-up of the morphine convention, due to foreign competition, but it is not anticipated that there will be any serious fall in prices. Citric and oxalic acids are both easier. On the other hand, glycerin has a firmer tendency, and the values of copper sulphate have been marked up. Among drugs a new lot of buchu has been sold at an advance, and small sales of Siam benzoin have been made at steady prices. Calumba is scarce. Persian galls are nominal. Gambier cubes are higher. Acacia gums are slow of sale. Hellebore powder is in demand, and extreme prices are still quoted for jalap from New York. Juniper berries and lactucarium are quoted at an advance. Fine blue skin Tonquin musk is scarce, and more money is asked for new-crop West Indian tamarinds. Tragacanth has met with a fair demand. Opium is quiet, as is usual on the eve of the new crop, but prices are distinctly firm. Other alterations include an advance in sweet almond oil and a firmer tone in shellac. Peppermint oil is inclined to be firmer, but business is quite retail. The changes of the week have been as follows:

Higher	Firmer	Easier
Almond oil (sweet)	Calumba	Ammonia sulphate
Buchu	Glycerin	Chillies
Copper sulphate	Shellac	Citric acid
Gambier (cubes)	Tamarinds (W. I.)	Cod-liver oil
Juniper berries		Lemon oil (c.i.f.)
Lactucarium		Oxalic acid
		Petroleum

Cablegrams.

BERGEN, May 12:—The cod-fishing at Finmarken has been hindered by stormy weather. The market for finest Lofoten non-congealing oil is extremely quiet at the equivalent of 63s. per barrel, c.i.f. terms.

NEW YORK, May 13:—Business in drugs is fair. Opium at $4.25 per lb. is easy. Jalap has advanced a further 10c. Podophyllum-root is also higher at 8c. per lb., and copaiba balsam is steady at 47c. for Central and South American. Canada balsam has advanced a further 25c. per lb. to $7.50 per gal. Balsam Peru is also firmer at $1.65. Cascara sagrada is steady at 8½c., and peppermint oil in tins is also steady at $1.45 per lb. Oil of birch is firmer at $1.40.

Manchester Chemical-market.

May 12, 1909.

Export returns of heavy chemicals for April may be again regarded as satisfactory so far as quantities are concerned, but values are reduced, as has been the case for some time past. In prussiate of potash there has been more doing. There is also a steadier feeling in white powdered arsenic at from 13*l.* 5*s.* to 13*l.* 10*s.* per ton. Acetates of lime and acetic acid are firm at full rates. Carbonate of ammonia and ammonia salts are slow. Continental makers decline, it is said, to enter into serious competition with makers of Russian carbonate of potash. Crude glycerin is very scarce, sellers asking almost as much for 1910 delivery as for this year. Refined is strong, with an upward tendency. Coal-tar products are slow.

Continental Drug and Chemical Markets.

BALSAM PERU has reached a far higher value during March than was warranted, and a falling-off in demand is now noticeable. New supplies are expected from San Salvador shortly.

CAMPHOR.—Steady. Small lots are, however, being offered under the recognised refiners' price. This is somewhat incomprehensible, as the demand is good and likely to continue so for some time.

CITRIC ACID.—The position is one that calls for caution. Reports from Sicily speak of large quantities of citrate on hand, while there has also been a good output this year. A serious fall in the prices is unlikely, however, as the interests of proprietors and the Italian Government are too much at stake. On the other hand, an advance seems out of the question. Large quantities of citric acid have been lately sold for delivery.

DEXTRIN.—The continued demand from consumers is contributing to the upward movement in all potato-products, and dextrin has now reached 31m. to 32m. per 100 kilos.

GLYCERIN.—The position is firmer. The manufacturers of refined and distilled qualities are said to have no cheap raw material at their disposal, and the demand is active. Second-hands are also said to have sold out their cheap lots at disposal, and official quotations hold good.

IODINE PRICES.—Parcels "outside" the syndicate have for a long time been offered, and recently to a much larger degree than formerly. This has not, however, contributed to unsteady the market, as the preparations are dependent on the tendency of raw material, which shows no prospect of an immediate change.

POTASH CHLORATE.—The Convention prices fixed at the end of last year are unchanged. Sales are being effected on fairly regular lines, and business has been facilitated in second-hands by the abolition of the clause forbidding sales to match-makers. Any alteration in value is not likely to take place before the autumn.

QUILLAIA.—More interest is being shown, owing to the conviction that cheap parcels are not to be counted on this season. Whole has been sold at from 66m. to 67m. per 100 kilos. c.i.f. for near at hand. Cut goods remain unchanged at 72.50m. to 73m.

American Drug-market.

New York, May 4.

There has been no improvement in the conditions governing the New York drug-market. Business continues of jobbing proportions with speculative inquiry in abeyance. The nature of trading is not promotive of important prices changes, and few have occurred. Opium is lower, jalap is firm, and cascara is steady.

ALOES.—Several large consignments of Curaçao arrived without affecting the position of the drug, which is fairly steady at 6½c. Cape is in quiet demand at 8c.

BROMIDES are in fair demand at former prices, with only domestic producers offering.

CASCARA SAGRADA is somewhat steadier at 8½c. owing to an expected shortness in this year's peel. Demand continues of small proportions, however, and since the local stock is fairly large concessions are obtainable on substantial orders.

COPAIBA.—There is a good consuming demand for all varieties of C. and S. American, and with light arrivals the market is steady at 47c. to 50c. Para is quiet but steady at 55c.

CANADA BALSAM is extremely scarce on spot, and at present nothing is available at primary sources; $7.25 per gal. is the usual quotation, with the trend of prices upwards. Oregon is easy and neglected at 85c.

HYDRASTIS is nominally steady on spot at $1.80 to $1.85, but country holders are more anxious to sell their hold-over stock of fall-dug, owing to competition with new spring-dug, and offers at $1.70 have been received.

IPECAC.—Rio is firmly held at the recent advance to $1.25. The available stock is in a few hands. Cartagena is worth $1.

JALAP continues in good demand, and the few holders of important stock are very firm in their views, no concessions on 35c. being obtainable even for large orders.

MANDRAKE.—Owing to the scarcity of prime drug in all markets prices for manufacturing supplies are firm at 7c., with the tendency upwards.

OPIUM is lower at $4.25 for case lots, with little business in progress. The easier position of this drug is rather surprising in view of the firmer primary markets, the prospective 50c. increase in import duty, and the likelihood of an improved demand owing to the total exclusion of the smoking variety, but these factors are evidently more than counterbalanced by keen competition in a very dull market.

PEPPERMINT OIL (AMERICAN) is in better demand, and slightly firmer on spot and in country markets; $1.50 is now the inside figure for moderate supplies.

SERPENTARY is scarce, and 2c. dearer at 47c., with higher prices likely to follow any increased demand.

ACID, CITRIC, is easier to the extent of $\frac{1}{4}d.$ per lb. English makers now offer at 1*s.* $5\frac{1}{4}d.$, and second-hands quote 1*s.* $4\frac{3}{4}d.$ to 1*s.* 5*d.* Foreign is quoted 1*s.* $4\frac{3}{4}d.$

ACID (OXALIC) is $\frac{1}{8}d.$ per lb. easier at 3*d.* net, free London.

ACID, TARTARIC, is in good demand at from $10\frac{3}{4}d.$ for English, and $10\frac{1}{4}d.$ for foreign.

ALOES.—The *Kenilworth Castle* has brought 35 cases from Mossel Bay, and a further 4 cases of Zanzibar in monkey-skins has arrived. Good quality Curaçao is inquired for; but the bulk of the stock consists of ordinary coarse, such as was sold last week.

AMMONIUM SULPHATE is easier. Grey 24 per cent., London, prompt, is quoted 11*l.* 1*s.* 3*d.* to 11*l.* 2*s.* 6*d.*; Hull, prompt, at 11*l.* 2*s.* 6*d.*; Leith, prompt, 11*l.* 5*s.* to 11*l.* 7*s.* 6*d.*; Liverpool, prompt, 11*l.* 3*s.* 9*d.*; Beckton, prompt, 11*l.* 12*s.* 6*d.*, and Beckton terms, prompt, 11*l.* 1*s.* 3*d.* to 11*l.* 2*s.* 6*d.* per ton.

BALSAM PERU.—Five packages have arrived per *Iris* from Hamburg.

BENZOIN.—Subsequent to the auctions several cases of Siam sold, including good bean and pea-size free almond, at 16*l.*, and small and bean-size at 12*l.* per cwt. Eighty cases Sumatra have arrived.

BUCHU.—Dearer. Seven bales which were not landed in time for the sale last week were subsequently sold privately at 1*s.* 3*d.* per lb. for mostly good greenish round. There is a good inquiry, but the market continues bare.

CALUMBA in brokers' hands is extremely scarce, but from second-hands fair common natural sorts are quoted at 22*s.* 6*d.*, and good washed sorts at 25*s.* per cwt.

CAMPHOR (CRUDE) is firm and comparatively scarce on the spot at from 147*s.* 6*d.* to 150*s.*, and for near at hand 142*s.* 6*d.* c.i.f. has been paid.

CAMPHOR (REFINED).—A report was current on 'Change this week that the English refiners had reduced their price of bells by 1*d.* per lb., but we are informed by the refiners that no official reduction has taken place, and that the list prices remain unaltered. The price of English bells in 5-cwt. lots is 2*s.* per lb., and German in the same quantity 1*s.* 10*d.* Business has been done in 1-oz. Japanese tablets at 1*s.* $6\frac{1}{4}d.$, and $2\frac{1}{2}$-lb. slabs at 1*s.* $5\frac{1}{8}d.$ per lb. c.i.f. terms for August-September shipment. The spot price of 1 oz. is 1*s.* 9*d.*, and slabs 1*s.* 7*d.*

CAPSICUMS.—At auction 35 bags of East Indian were offered, of which 15 sold at 27*s.* for fair large picked. Of Java, 74 bags were bought in at 30*s.* for medium stalky, and 4 bags Nyasaland sold at 47*s.* for good red picked.

CASCARA SACRADA.—There are no sellers under 42*s.* 6*d.* spot, which price has been paid. Market is firm, notwithstanding the stock of 540 tons in the warehouses at the end of April.

CHILLIES.—Easier. At auction 38 bags of fine red Nyasaland sold at 42*s.*, and 100 bags of Japan were bought in at 42*s.*

CLOVES.—At auction 110 bales of Zanzibar were bought in at from $4\frac{5}{8}d.$ for fair and $4\frac{3}{4}d.$ for good. Privately Zanzibar are quiet, the sales including June-August at $4\frac{1}{4}d.$; August-October delivery at $4\frac{3}{8}d.$; for arrival new crop for October-December shipment has been sold at $4\frac{5}{16}d.$ c.i.f. d/w. On the spot small sales of fair Zanzibar have been made at from $4\frac{5}{8}d.$ to $4\frac{3}{4}d.$ as to quantity.

COPPER SULPHATE is about 5*s.* per cwt. higher at 18*l.* 5*s.* to 18*l.* 7*s.* 6*d.* per ton in Liverpool, and on the spot 19*l.* is quoted.

CUBEBS.—Genuine berries remain exceedingly scarce on the spot, holders now asking from 100*s.* to 105*s.* per cwt., with very little to be had at the lower figure. There has been some inquiry from the U.S.A. this week, where prices have advanced considerably.

DRAGON'S-BLOOD.—The arrivals comprise 12 cases per *Palawan* and 10 cases per *Laertes*. Part of the above consists of fine reboiled lump, and part bright seedy lump.

GALLS remain dull, the nominal value of Persian blue being 55*s.*, green 45*s.* to 50*s.*, and white 37*s.* 6*d.*; for shipment blues are quoted 53*s.* 6*d.* to 55*s.*, and whites 37*s.* 6*d.* to 39*s.* c.i.f.

GAMBIER.—Cubes are higher, small spot sales having been made at 36*s.* spot.

GINGER.—At auction 250 bags of good washed rough Cochin were bought in at 42*s.*, and 4 barrels of West Indian *green* ginger sold at 25*s.*

GLYCERIN.—The Continental market for crude has advanced by 5m. per 100 kilos., and this places refined on a somewhat firmer footing. On this side prices remain so far unchanged, on the basis of 70*s.* 6*d.* per cwt. for 5-ton lots of double-distilled s.g. 1.260 quality in 56-lb. tins in cases.

GUM ARABIC.—Soudan gum remains slow of sale, with sellers at 28*s.* per cwt. c.i.f., but buyers hold off; a few small sales of soft sorts have been made on the spot at 35*s.*, the value of ordinary being about 30*s.* Senegal (Bas de Fleuve) is firm at 30*s.* 9*d.* per cwt. f.o.b. East Indian gums are quiet, No. 1 Ghatti offering at 28*s.* 6*d.* and No. 2 at 18*s.* 6*d.* per cwt. c.i.f. terms. Further sales of inferior reddish Bushire so-called insoluble sorts have been made at 15*s.*, and the market is now bare.

HELLEBORE POWDER.—There is a good seasonable demand, as is usual in May, the value of *white* being about 27*s.* 6*d.* on the spot.

IPECACUANHA.—The *Gannet* has brought 21 bales Cartagena *viâ* Havre, which will probably be offered next week. The deliveries of ipecacuanha so far this month have been very good, the demand on U.S.A. account having also improved.

JALAP.—From New York the extreme price of 1*s.* 11*d.* c.i.f. is quoted, which renders business out of the question at the moment. On the spot 1*s.* 9*d.* to 1*s.* 11*d.* per lb. is quoted for $10\frac{1}{2}d.$ to $11\frac{1}{2}d.$ of resin. B.P. jalap-powder has been sold in limited quantity at 1*s.* 11*d.*

JUNIPER BERRIES.—The prices asked from Italy show an advance of about 3*s.* to 4*s.* per cwt., from about 16*s.* 3*d.* to 17*s.* 6*d.* c.i.f. being quoted.

LACTUCARIUM is higher, the value being about 32*s.* per lb.

LIQUORICE-ROOT.—There is a scarcity of common natural Persian root on the spot, this being due to disturbances in the producing country. There is also a scarcity of cut decorticated root of good colour, it being difficult to obtain. The value is about 48*s.* for good cut, inferior qualities offering at from 37*s.* 6*d.* to 40*s.*

MILK-SUGAR is characterised by keen competition among agents, who offer at 42*s.* to 43*s.* per cwt.

MORPHINE.—The British makers announce that the convention which for some years past has regulated the selling prices and terms of morphine and its salts has now come to an end, and they are now able to quote their own figures to intending buyers. This "break up" of the convention is due to the competition of a foreign maker, who, although a party to the convention, has been offering at considerably below their rates for some time past. It is quite understood that three British makers will work in unison in regard to the maintenance of prices, and in view of the generally firm position of opium it is not anticipated that any slump in morphine will follow. Orders are now a matter for negotiation between buyer and seller.

MUSK.—Fine blue skin Tonquin pod is scarce, 68*s.* per oz. being asked for the small supply on hand. Old style well-trimmed pod is worth 52*s.* 6*d.*, heavier skins 50*s.*, and Pile III. 37*s.* 6*d.* Cabardine is rather firmer, 20*s.* per oz. being about the value of fair Russian.

MYRRH.—An arrival of 80 packages has taken place from Aden. This consignment mostly consists of good Aden sorts.

OIL, ALMOND.—Sweet B.P. oil has been advanced 1*d.* per lb. by the pressers, who now quote 1*s.* 8*d.*, and pallid at 1*s.* 10*d.* per lb.

OIL, ANISEED (STAR) is unaltered at 4*s.* 5*d.* per lb. spot, and to arrive the same figure is also quoted.

OIL, COD-LIVER.—The demand, as is not unusual so late in the season, is now extremely small, and as the yield has turned out so well lower offers are prevalent in several quarters, one agent quoting 60*s.* c.i.f. terms for

delivery over the year, but in other directions up to 62*s.* is quoted. Our Bergen correspondent writes on May 10 that the Finmarken cod-fishing during the past week gave a fair result, although not so important as that of the previous week, this being due to rather stormy weather. The statistics which appeared to-day give the following result :

	1909	1908	1907
Catch of cod (millions)... ...	48.7	39.0	40 9
Yield of cod-liver oil (barrels)	39,100	42,900	34,400
Livers for "raw" oils (hect.) ...	21,700	19,200	39,900

Apparently the livers are now a little fatter, as they have yielded a better percentage of oil. The tone on the market continues very dull, and buyers have made offers even below 60*s.* f.o.b. Bergen for finest non-congealing Lofoten oil, but hitherto these bids have not been accepted. The exports from Bergen up to date amount to 5,231 barrels, against 6,279 barrels at the corresponding date of last year.

Oil, Lemon.—The absence of demand in Sicily has again led to easier prices for shipment, and some very low quotations have been received, but they do not apply to genuine oils in all cases. For shipment good brands are quoted 3*s.* 3*d.* c.i.f., and on the spot from 3*s.* 7*d.* to 3*s.* 9*d.* would buy, the latter figure for finest quality. An advice from Palermo, of May 8, states that business during the week has again been very quiet. There is nothing new to report with regard to the position, for the reason that, while on the one hand the season is now much advanced, the small yield of lemons and the approaching end of the pressing season causes sellers to be in no hurry to sell the oil they have produced. On the other hand, it is always possible to find buyers on the local market for small parcels at the usual current prices.

Oil, Peppermint.—Although business of late has been extremely small, the market is nominally firmer, there being no sellers of good brands of Wayne County in tins under 6*s.* 3*d.* spot, with buyers at 6*s.* Advices from New York indicate a continued firm tone, stress being laid on the point that wheat will be grown in place of peppermint in many districts. Japanese on the spot is firm at 4*s.* 9*d.*, which price has been paid for Kobayashi, 4*s.* 8*d.* for Suzuki, and American H.G.H. sells slowly at 8*s.* 9*d.*

Oils (Fixed).—*Linseed* is firm at 22*s.* 1½*d.* on the spot and 22*s.* 6*d.* in barrels. Ceylon *Coconut* is steady at 29*s.* spot and 33*s.* 6*d.* for Cochin. *Cottonseed* oil is flat at 22*s.* 3*d.* for crude, 23*s.* 9*d.* for ordinary pale refined, and 25*s.* 9*d.* for sweet refined. *Rape* is firmer at 27*s.* 6*d.* for ordinary brown crude, English refined being quoted at 29*s.* 6*d.*, Jamba at 26*s.*, and Ravison at 25*s.* 6*d.* on the spot. *Soya* bean oil is quoted, naked, at 21*s.* per cwt. on the spot. *Turpentine* is dearer at 27*s.* 7½*d.* for American on the spot. *Petroleum* is quiet and easier at from 6⅜*d.* to 6⅝*d.* for ordinary refined American, 7⅜*d.* to 7⅝*d.* for water-white, and at 6*d.* to 6¼*d.* per gal. for Russian.

Olibanum sells slowly on the basis of 45*s.* for good drop, 35*s.* for fair, 30*s.* for middling, 26*s.* 6*d.* for ordinary, and 15*s.* per cwt. for siftings.

Opium is a quiet market, as is usual just before the new crops, the latest telegraphic reports in regard to which are of a favourable character, copious rains having fallen in many places. Several weeks must elapse ere any trustworthy information is obtainable as to the Turkey crop. Meanwhile the Constantinople and Smyrna markets keep fairly steady, and there is an absence of forced selling, which is a good point in favour of the maintenance of prices. On the spot quotations are from 12*s.* to 12*s.* 6*d.* for Turkey druggists', 12*s.* 6*d.* to 13*s.* 6*d.* for Malatia, and 13*s.* to 14*s.* 6*d.* for Tokat. Persian has been dealt in to a fair extent at generally steady prices. Several importers are firmer in their ideas of value, but until the actual results concerning the Turkey crop are known, no important change in values is anticipated.

A Smyrna correspondent writes on April 30 that very little has been done in opium this week, owing to the firmness of holders, who will not accept the lower prices the banks sold out lately, and as the goods held are now covered for the present the bankers, too, could not sell buyers at their limit. Some buyers, however, were obliged to meet sellers on their own terms, and 23 cases changed hands at 11*s.* 9*d.* to 12*s.* per lb., or an advance of 4*d.* per lb.

News regarding the growing crops has been uniformly favourable (says a Smyrna report of May 1), and holders have determined to facilitate the few orders which have come. All sales have been effected at prices a little in excess of those asked last week, and comprises 8 cases extra Karahissar t.q. at 11*s.* 6*d.* to 11*s.* 11*d.*, 9 cases prime ditto at 10*s.* 11*d.* to 11*s.*, and six cases common ditto at 10*s.* 1*d.* *c.i.f.* Market closes very firm.

Another Smyrna advice of May 6 reports a very active week, sales amounting to 129 cases, all from the U.S.A. Prices opened at 11*s.* 6*d.* and closed firm at 12*s.* Holders are very tenacious, and all such who can afford it will not sell, but the monetary needs of others obliges them to sell, and thus the market this week has not advanced as high as was anticipated.

Otto of Rose.—Our correspondent in Bulgaria, under date of May 7, writes that the harvesting of this year's rose crop is likely to begin in a fortnight. Its prospects are very promising, everything so far being in favour of a record crop. The winter was an ideal one—long and temperate, and with plenty of snow. The spring also has been so far all that could be desired—warm and dry in April, and cool and rainy since the beginning of May. Just now is the budding time, and as this is being effected under the most propitious climatic conditions the rose-bushes are everywhere throwing out rich clusters of buds. If the present weather holds good during the harvesting season as well, the forthcoming rose crop will prove one of the richest crops on record.

Pepper.—At auction 100 bags of Alleppy were offered and bought in at 3½*d.* for good heavy. Privately the market is slow, fair Singapore offering at 3¼*d.* spot, with sellers of June-August shipment at 2$\frac{15}{16}$*d.* c.i.f. d/w.

Pepper (White).—There were no offerings at auction, and privately the demand is slow, with fair Singapore offering at 5*d.* to 5⅛*d.* For arrival the sales include 40 tons of Singapore at 4⅝*d.* for May-June, 4$\frac{9}{16}$*d.* for May-July, and 4⅜*d.* for June-August, and 4$\frac{13}{32}$*d.* for August-October shipment.

Pimento was not represented at auction. Privately, fair quality is quoted at 2⅛*d.* spot and at 19*s.* 3*d.* per cwt. c.i.f. terms, for distant shipment.

Quinine.—At Batavia on May 12, 3,642 kilos. Ed. II. were offered, of which 3,450 kilos sold at an average price of 10.50fl. per kilo (= 3 cents Amsterdam unit), against the same price paid at the previous auction. In London prices are unaltered at from 7*d.* to 7½*d.* per oz. for German sulphate.

Sandarac.—For shipment from the Continent, good Morocco is quoted 67*s.* 6*d.* per cwt. c.i.f.

Sarsaparilla.—The s.s. *Statia*, from Kingston, has brought 19 bales red and yellow Native Jamaica. Twenty-seven bales of grey Jamaica are also close at hand. Last week's purchases have practically all left the warehouse, showing a good consumptive demand.

Shellac is about 3*s.* to 4*s.* better, with rather more spot business, on the basis of 68*s.* for fair free TN, and for May-June and October-December shipment 65*s.* to 67*s.* c.i.f. has been paid. Futures are also higher.

Soda Nitrate is firm. The spot quotation for refined is 11*s.* and ordinary 10*s.* 11¼*d.*, Liverpool being quoted at 10*s.* 10½*d.* and 10*s.* 7½*d.* per cwt. respectively.

Tamarinds.—Holders of Barbados are firmer in their ideas of value, and several importers are reported to have withdrawn pending an improvement. They eventually hope to realise (after the old crop has been disposed of) about 14*s.* for new crop in bond.

Tragacanth has met with a fair demand, chiefly at between 60*s.* and 120*s.* per cwt. for Bagdad and Persian. Fine qualities are slow of sale, prices being in favour of buyers. The following are the quotations : Firsts, 15*l.* 10*s.* to 16*l.* 10*s.* ; seconds, 14*l.* to 15*l.* ; thirds, 12*l.* to 13*l.* ; and fourths, 9*l.* to 11*l.* per cwt.

Wax, Japan.—Fair squares sell on the spot at 46*s.* to 47*s.*, according to brand.

London Drug Statistics.

THE following statistics are compiled from information supplied by public warehouses. They relate to the receipts and deliveries of some of the leading drugs from and into the London public warehouses for the month of April 1909, and to the stocks on April 30.

—	April		Stocks		1909	
	Landed	Delivd.	1909	1908	Imprtd.	Delivd.
Aloes.....es. etc.	156	171	398	155	588	651
,, ... gourds, etc.	—	—	291	1,371	92	1,009
Aniseed, star .....es.	—	74	—	—	—	74
Arrowroot .....pkgs.	1,010	1,322	5,049	8 255	2,774	4,045
Balsams ... cks. etc.	102	90	426	416	312	243
Calumba ..... bgs.	3	14	97	197	31	121
Camphor ..... pkgs.	568	481	620	1,620	1,713	1,635
Cardamoms..... ,,	645	395	1,147	1,520	1,770	1,514
Cascara Sagrada tons	—	43	540	—	17	—
Cinchona ..... pkgs.	425	331	4,397	4,497	1,903	1,689
Cocculus indicus ,,	—	—	—	17	—	—
Cochineal..... ,,	41	84	871	683	459	315
Cubebs ..... ,,	—	27	94	188	33	64
Dragon's blood ,,	17	25	80	59	47	73
Galls ..... ,,	517	355	1,694	2,266	1,523	1,106
Gums—						
Ammoniacum ,,	—	1	13	10	6	3
Animi ..... ,,	85	43	304	291	392	325
Arabic ..... ,,	1,358	560	5,281	5,099	2,300	2,723
Asafetida..... ,,	—	16	50	397	123	149
Benzoin ..... ,,	199	270	992	440	1,412	975
Copal..... ,,	3,099	3,074	25.751	15,567	13.867	15,776
Damar ..... ,,	623	222	3,813	2,194	1,865	1,492
Galbanum ... ,,	—	—	—	—	—	—
Gamboge..... ,,	9	23	115	74	154	116
Guaiacum ... ,,	5	—	75	41	11	7
Kauri ... tons net	22	98	354	654	107	303
Kino ..... pkgs.	—	3	99	52	—	19
Mastich ..... ,,	3	—	21	11	23	11
Myrrh, E.I.... ,,	11	28	323	356	96	151
Olibanum ... ,,	—	188	999	1,264	113	580
Sandarac..... ,,	236	83	735	399	656	379
Tragacanth... ,,	2,389	1,120	6,237	5,458	6,827	4,779
Ipecacuanha—						
Cartagena ... ,,	25	3	64	49	86	39
E.I. ("Johore") ,,	—	18	3	32	18	20
Matto Grosso ,,	38	20	111	43	72	72
Minas ..... ,,	—	10	17	41	17	20
Jalap ..... bls.	—	—	—	14	—	14
Nux vomica . .pkgs.	75	66	745	475	183	312
Oils—						
*Aniseed, star...es.	10	35	34	31	60	45
*Cassia ..... ,,	22	17	117	46	112	65
Castor ..... pkgs.	92	68	223	297	3 1	330
Coconut..... tons	52	47	377	456	274	1,358
Olive ..... pkgs.	359	428	2,361	1,787	3,292	2,994
Palm ..... tons	—	2	1	6	6	13
Quinine ..... lbs.	4,062	3,970	207.720	212 329	18,750	20,504
Rhubarb ..... es.	—	50	629	448	64	327
Sarsaparilla ... bls.	104	116	298	210	454	420
Senna ..... pkgs.	332	359	750	453	1,330	1,590
Shellac ..... es.	6,672	5,047	43,384	32,523	14.730	19,467
Turmeric ..... tons	19	11	264	291	111	79
Wax—						
Bees ... .pkgs.	147	174	1,735	1,269	1,574	1,746
Vegetable (Jap) ,,	375	91	794	202	865	253

* Stocks of essential oils at Smith's Wharf and Brewer's Quay are not included.

New Books.

These notes do not necessarily exclude subsequent reviews of the works. Any of these books printed in Great Britain can be supplied, at the published price, to readers of this journal on application (with remittance) to the Publisher of "The Chemist and Druggist," 42 Cannon Street, London, E.C.

Bennett, V. E. M. *Lectures to Practising Midwives.* $8\frac{3}{4}\times5\frac{1}{2}$. Pp. 270. 4*s.* net. (Baillière.)

Lodge, Sir Oliver. *The Ether of Space.* $7\times4\frac{1}{4}$. Pp. 172. 2*s.* 6*d.* net. (Harper.)

Minett, E. P. *Different Diagnosis of Bacteria, and Practical Bacteriology.* $7\times4\frac{1}{2}$. Pp. 80. 2*s.* 6*d.* net. (Baillière.)

Politzer, A. *A Text-book of the Diseases of the Ear.* 5th edit. $9\times5\frac{3}{4}$. Pp. 906. 25*s.* net. (Baillière.)

West, C. E., and Scott, R. *Operations of Aural Surgery, together with those for the relief of the Intracranial Complications of Suppurative Otitis Media.* $8\frac{3}{4}\times5\frac{1}{2}$. Pp. 214. 7*s.* 6*d.* net. (H. K. Lewis.)

Jameson, H. G. *Illustrated Guide to the Trees and Flowers of England and Wales.* $7\frac{1}{2}\times5$. Pp. 148. 2*s.* 6*d.* net. (Simpkin.)

CORRESPONDENCE

TO CORRESPONDENTS.—A letter for publication should always be a distinct communication; nothing else should be mixed up with it. Each query—no matter whether legal, dispensing, or general—should stand by itself, and the paper upon which it is written should always be backed with the shop stamp. We do not undertake to reply to queries by post. Write clearly and concisely on one side of the paper only. All communications should be accompanied by the names and addresses of the writers. Publication of letters does not imply our agreement with them. Letters received after Wednesday morning cannot as a rule be dealt with in the current week's issue.

BUSINESS INFORMATION.—We supply by post (when a stamped and addressed envelope is provided) information as to the makers or agents for articles connected with pharmacy and the chemical and drug trades. Inquiries regarding any articles which cannot be traced are inserted under "Information Wanted."

Duty-free Medicinal Spirit.

SIR,—I wish to emphasise, through the medium of your columns, the demand I put forward at the meeting of Liverpool chemists on Thursday evening, May 6—viz., "That all spirit used for medicinal purposes shall be duty-free." I consider that in merely asking for a differential rate or abatement we as chemists are missing the opportunity that the occasion offers to demand a reconsideration of the whole matter of the tax on spirits as affecting medicinal preparations. Now that the question is afoot again in another form, it appears to me to be the duty of chemists, as well as the medical profession, to see to it that the entire subject be dealt with by our legislators in a satisfactory manner. As I have already said, that a nation such as this is unable to raise its finances without levying toll on the sick would be almost unthinkable were it not a shameful fact. I find, now that I have once more resurrected the demand, the usual apathy on the part of the trade, combined with the also usual, "Oh! it's no use asking for all that; we shall never get it," which is just the kind of thing that has given the trade away in other directions. On the other hand, I find the authorities ready to agree with my views. In fact, I have not yet met with anyone ready to defend the impost. Nor can I see how any defence could be made. The one and only argument put forward for its retention is the difficulty of control; that spirit cannot be earmarked, and consequently would afford opportunities for fraudulent practices. All of which I am prepared to grant. And this being so, and being the only difficulty, I am, as I have already intimated to the Chancellor of the Exchequer, prepared to submit methods for obviating the alleged difficulty at the right time. May I repeat, here is a practical opportunity for the members of the craft to press the subject to its logical conclusion?

Yours truly,
JAMES HADDOCK, Ph.C.

34 Hanover Street, Liverpool, May 8.

SIR,—I searched your last week's issue of the *C. & D.* in vain for a clear and simple statement of the main fact in the Budget affecting pharmacy, and the one that should be placed in front at the present moment—*i.e.*, that 2*s.* 6*d.* worth of the chief commodity we handle is burdened with 23*s.* 7*d.* of duty. The previous duty of 16*s.* 6*d.* per gal. on rectified spirit was bad and ill-judged enough in respect of its being levied upon medicine, a common beneficial necessity of humanity which should never have been so taxed. There is a host of cogent reasons, social and economical, why medicinally used spirit of wine should be duty free, but I will only say that everyone engaged in pharmacy and allied interests should now inform and impress upon all with whom they come in contact the existence (of which few outside pharmacy are aware) of these unnatural and abnormal conditions, especially by writing to their Parliamentary representatives, of whatever political party, and let their text be "the abolition or diminishing

of this ultra-excessive tax of 23*s.* 7*d.* on 2*s.* 6*d.* worth of commodity." Yours faithfully,

Paignton, May 11. J. J. Thomas.

[It was repeatedly stated in our issue last week that a duty upon whisky and the like for the purpose of raising revenue and diminishing consumption should not, on principle, be extended to medicines, and we were instrumental in calling an important meeting on the subject. We also reported that the Chancellor was considering the proposition. He is doing so still.—Editor *C. & D.*]

Old-established.

Sir,—In your issue of May 8 I note that your genial contributor "Xrayser" refers to the dates given in connection with various old inns, mentioned in my letter of May 1. I can assure him, however, that every care was taken to verify their accuracy as far as possible. The contention of "Xrayser" that the three great reigning families of the Hapsburgs, the Hohenzollerns, and the Bourbons can claim a descent of a thousand years is, I think, not entirely correct. The first-named house was founded in 1153, but the two lines into which the family had become diverted became extinct in 1408 and 1415 respectively. The Hohenzollerns trace a still earlier descent—viz., from the beginning of the ninth century—but separations from the direct line also occurred here in 1165 and in 1576. I am afraid we are drifting away a good deal from pharmacy, but I would like to say that, in my opinion, the most wonderful records of antiquity the world can show are to be found in the nations of the Far East. China, for instance, possesses a history extending to 2637 B.C. Just think of it; more than 4,000 years ago! While even the present imperial form of government existing in China has an authentic record dating from 221 B.C., that is to say, for over 2,100 years. In connection with my last letter I had brought to my notice later particulars of old businesses which I am sorry I omitted to mention. Skilbeck Bros., drysalters, were founded in Thames Street, where they now are, in 1650. The well-known house of Horner & Sons goes back more than 200 years, while Willows, Francis & Butler were established in 1751. One other instance and I have done. "Pickfords," the famous firm of carriers, goes back just 265 years. Long after that period a journey from Manchester to London took five and a half days, now an easy run of three and a half hours. At the present day "Pickfords" employ over 10,000 men and have branches all over the country.

Your obedient servant,

4 Jewry Street, E.C. Henry E. Stevenson, F.C.S.

Dentistry as a Chemist's Side-line.

Sir,—No side-line that is open to the chemist is comparable with dentistry, and the chemist who is a capable extractor can easily by a very little outlay make such a connection as will prove profitable and interesting. In spite of statements to the contrary, I pin my faith to the shop as the very best place for securing patrons, given a nice shop and a tasteful display of artificial teeth (it need not be more than an upper and a lower set and a small partial piece). These, with a neatly written ticket, will excite curiosity and promote conversation on a matter that concerns certainly one-fourth of the public in a greater or lesser degree. Once the subject is broached, the chemist, if tactful, should not find much difficulty in securing a fair share of patronage.

I am with "Chemist Extractor" all the way, and would suggest that a society, somewhat on the lines of the Chemist Opticians' Society, be formed. As a chemist I am vain enough to think that a society of chemist adaptors would possess a better standing, if once established, than the incorporated society mentioned by "Chemist Extractor." They lack the educational tests and scientific training that we as chemists have had to negotiate. The Dental Association are pushing things to such a pass that, unless they are soon pulled up, it will become a penal offence to extract a tooth. I would suggest that you, Mr. Editor, should receive postcards from such chemists as think themselves interested in the matter, and here I would strongly urge those who possess only a slight knowledge to make up their minds to move forward, as the opportunity offered is a golden one. Providing a fair number respond, and they are willing to subscribe a nominal fee—say, 5*s.*—each, a move might be made. I know the business thoroughly, and I would be glad to contribute along with others such information and hints as might make a Dental Corner a very acceptable addition to the already deservedly popular *C. & D.* Yours truly, J. L. S. (44/19.)

[We have no objections to receiving the postcards suggested and placing them in our correspondent's hands.—Editor *C. & D.*]

Council Election.

Sir,—Owing to a misunderstanding on my part as to the date on which the joint letter in promotion of Mr. D. Gilmour's candidature was to be forwarded for insertion in the *C. & D.*, I was too late in supplying Mr. Cowie with the names of the following gentlemen who desire to have the privilege of being publicly associated with the movement on Mr. Gilmour's behalf. These are: Messrs. J. H. Fisher (Dunfermline), W. Giles (Aberdeen), D. Storrar (Kirkcaldy), and J. F. Tocher (Peterhead), all of whom, from their intimate personal knowledge of Mr. Gilmour's character, capacity, and past services to the various interests of pharmacy, are satisfied that, if returned, he will amply fulfil the promise revealed even in his brief term of service on the Council, of making an intelligent, efficient, and faithful councillor. Yours, etc.,

Glasgow, April 8. J. P. Gilmour.

Sir,—We are now in possession of the election addresses of some of the candidates for the Council. It is interesting to note that of those that are published, only one—that of Mr. E. T. Neathercoat—gives us a definite expression of his views on the important issues at stake. Too long have members of the Society been expected to vote for candidates, quite in the dark as to their views on particular questions of vital importance to pharmacists. It would be interesting to know the views of some of the other candidates on the main issues to which Mr. Neathercoat so clearly refers. Mr. Neathercoat states his views definitely and unmistakably, which shows that he, at any rate, is not afraid of his opinions in public. This is the right kind of man to represent us on the Council, and for these reasons, apart from many others, I hope that pharmacists will give him their support at the poll.

Yours sincerely,

Swindon. Walter H. Bays.

Pharmacists' Co-operative Association.

Sir,—A greater blow could not well be struck than the report that such fresh attempts as above have emanated from London as well as the provinces. It is remembered that some years ago, a similar attempt was made in the Midlands, and in London, both of which came to nothing, and the same fate may await these. How do we know what powerful organisation may be born to combat these projects, by financiers who can launch their thousands to our pounds? It is these fears that prevent your humble servant being drawn. Again, the names given are unknown to the Southerners. Yours truly,

Caution. (32/71.)

How to Treat Travellers.

Sir,—May I ask your readers' opinions upon these two points, and what they do in similar situations?—

1. Traveller after traveller comes into the shop; the day is far advanced and not a stroke of your regular shop work has been touched. Is it polite or etiquette to tell a man, who you know may have come to the town specially to see you, that you cannot be seen?
2. You are working single-handed. A prescription is brought in and promised for fifteen minutes. Immediately a traveller walks in, and, seeing no customer in the shop, starts to talk and unpack samples. Is it the proper thing to tell the traveller that his presence is inconvenient, or to let the customer wait when the medicine is called for?

These cases frequently happen to me, and I am afraid I am often rude to the "knights of the road."

Yours truly,

Pestered. (31/32.)

[We offer a copy of "Pharmaceutical Formulas" for the most courteous method of treating travellers under these circumstances, and three copies of the "Chemists' Medical Dictionary" for as many other methods. Please write on postcards. Travellers may compete.—Editor *C. & D.*]

Dispensing for Hospitals.

Sir,—Can any reader kindly give the average prices charged to a hospital for dispensing when done at the

pharmacy of the dispenser? Prices for pills and powders per score, and for 8-oz. and 2-oz. mixtures in ʒij. doses, etc., would oblige. Xylo. (45/15.)

Legal Queries.

Before submitting questions for reply in this section please refer to the "C. & D. Diary, 1909" for the following subjects: Income-tax, p. 220; Pharmacy Law and Poisons, p. 216, (abroad) p. 211; Spirit Laws, p. 229; Stamped Medicines, p. 221; Trade-marks, p. 194; Wines, Sale of, p. 231; and Legal matters generally, p. 233.

Pharmacist (36/3).—The fresh spirit-duty is, you will observe, fully treated in this issue.

A Subscriber (42/64).—For particulars regarding the protection of the name and label of a speciality see *C. & D. Diary*, p. 194.

D. B. H. (39/33).—(1) See the *C. & D. Diary*, p. 220. (2) B.P. podophyllin is as strong as the old speciality that you mention.

Ruby (42/26).—Can a drug-stores under unqualified management sell orange-quinine wine B.P. without a wine-licence, as chemists do? [No. See *C. & D. Diary*, p. 231, par. 20.]

O. G. (25/11).—You might venture to run the shop as a veterinary-medicine depôt until the administration of the new law evolves from the present chrysalis stage.

Verax (35/18).—"Mixed turpentine" cannot legally be sold as "turpentine." If a drug, it is an offence under the Sale of Food and Drugs Acts; if not a drug, it is an offence under the Merchandise Marks Acts.

Conim (41/14).—The correct amount of salary should be for thirty days (not four weeks)—*i.e.*, 7*l.* 10*s.* and thirty times the average daily commission for the same period. We cannot, of course, advise on cases which are actually in court, and you should be guided by a local solicitor.

Lux (34/15).—Under the new Act an unqualified person may be the managing director of a chemists' company, but he cannot act as superintendent under Section 3. In your case B must be the superintendent, and his name has to be forwarded to the Registrar. His certificate has not to be exhibited in the shop.

Anxious (33/32).—There is no legal obligation upon you to refuse supplying the chlorodyne, but from what you say there are certain moral obligations which appear to call for your aid in inducing the woman to stop what seems to be an unnecessary and risky practice. Cannot you consult her medical adviser?

Wilton (39/36).—The rights of a trader in a registered trade-mark are in respect to the class or classes of goods for which its use is registered. You had better assure yourself before you use words which are registered as a trade-mark—certainly for one class of goods to which you do not intend to apply it—that it is not also in your class of goods. We do not undertake trade-mark searches.

Jack (37/22).—(1) You say you make "a speciality in artificial teeth," and for that unregistered persons have been fined under the Dentists Act. (2) We do not analyse such samples for fees or otherwise. Please send a sample to an analyst selected by yourself. The fee will be 2*l.* 2*s.* or more, and you are not likely to get information for that which will enable you to compete with the wholesaler.

Semper (35/19).—At present there are technically no details about the income-tax for 1909-10, but in the case which you mention (judged by the last year's conditions) the profits in respect to the apartments are the net profits after deducting outlays, including a fair proportion of the rent and rates. The whole of the latter cannot be allowed, seeing that part of the premises is employed for other business purposes.

J. K. (24/16).—You are probably not aware that through the *C. & D.* the question of the right of registered chemists and druggists to use the description "Veterinary Chemist" was in 1893 carried to the High Court, and Justices Day and Lawrance decided, in the Royal College of Veterinary Surgeons *v.* Groves, that the defendant (a pharmaceutical chemist) was "entitled to call himself a 'Veterinary Chemist' in the sense that he laid himself out for the preparation of medicines used for horses, cows, etc." Your proposed advertisement is within the terms of the judgment.

Mortgage (37/59).—In the case where a testator makes a will equally in favour of two legatees (son and daughter), with the exception of a portion of property bequeathed specially to one, should a mortgage on this particular portion of property form part of the liabilities on the entire estate, or does it go with the portion of property on which it was raised to the one legatee to whom the portion of property was left? No mention of the mortgage was made in the will. [Unless there is a contrary intention expressed in the will, the beneficiary taking the mortgaged property takes it subject to such mortgage, and is not entitled to ask for the mortgage moneys to be paid out of the entire estate.]

Justice (36/3).—A lets B a house and shop as a pastrycook and confectioner. B puts a large oven into a room at the back of the shop, which is built in. B is going to leave. Will he have to remove this oven as an implement of trade, or will he have to leave it? There has been no agreement made respecting it. [In the absence of any agreement to the contrary we are of opinion that B is entitled to remove, during his tenancy, the oven which he has put in for the purpose of his business of a pastrycook and confectioner, provided that in the removal it is not necessary to destroy the oven or render it unfit to be set up again, or to do material injury to the freehold. B will be liable to repair the injury the premises may sustain by the act of removal. We know of nothing to compel him to remove the oven.]

Chip (56/8).—(1) Mr. Cain, a registered chemist, contemplates selling his business to Mr. Abel, who is not registered. Can Mr. Abel continue to use up Mr. Cain's labels if he strikes out the word "chemist" on them? [Yes, but some day he will forget, then a 5*l.* fine awaits him.] Would using Cain's name alone on the labels be a breach of the Act? [No.] (2) Can Abel dispense prescriptions, provided they contain no scheduled poison? [In Great Britain, yes; in Ireland, no.] (3) Is it illegal to stock poisons if he (Abel) does not sell them? [It depends upon the conditions of stocking. Mr. Abel may infringe the poisons regulations by his manner of storing the poisons, and that is an offence subject to the 5*l.* penalty. Selling is an offence distinct from keeping open shop for the retailing, dispensing, or compounding poisons, and by stocking poisons in his open shop Mr. Abel is instituting presumptive evidence that he has them there for one of these purposes.]

Miscellaneous Inquiries.

We endeavour to reply promptly and practically to trade questions of general interest, but cannot guarantee insertion of replies on a particular day, nor can we repeat information given during the past twelve months. A preliminary condition for reporting on samples submitted is that all particulars as to source and uses are given to us.

Sapolio (18/5).—Hair-wash Powder.—This appears to consist of borax with which has been triturated some oil of staves acre. It is rather highly perfumed.

P. & M. (7/50).—Furniture Reviver.—The following resembles your sample:

Wood naphtha	4 oz.
Butter of antimony	1 oz.
Vinegar	12 oz.
Oil of turpentine	3 oz.

Shake before using.

Vindex (13/22).—We cannot add to the information on hair-dyes given in "Pharmaceutical Formulas." See the recipes in the *C. & D.*, April 17, p. 614. We are afraid you are expecting too much from a hair-dye as regards permanency.

Zimbo (20/29).—Obesity Treatment.—Ext. fuci vesiculosi is useful in reducing obesity, especially if the patient is dieted at the same time. Three-grain doses of the extract should be taken every three hours during the day. Liquids and carbohydrates should be reduced to the minimum, bread being always toasted. Fat meat or butter should be stopped.

Gregory (18/25).—(1) Dental Anæsthetic.—There does not seem any objection to adding a trace of sulphurous acid, as you suggest; but chloretone is considered to be the best preservative for adrenalin. (2) Boot-polish.—Your difficulties in regard to the manufacture of cheap boot-polish were answered in the last volume of The Chemist and Druggist—consult the index.

Stanalma (17/57).—The colour used for tinting fish-frying oil is an oil-soluble aniline yellow. It can be obtained from any wholesale druggist or dealer in aniline colours.

J. P. (11/22).—Spectroscope in Urine-analysis.—The spectroscope you mention, listed at 47*s.* 6*d.*, would be excellent for urine-analysis. One without a comparison prism, costing about 35*s.*, would be sufficient if the instrument is only for use in urine-analysis. For other chemical investigations a comparison prism is such an advantage that the extra cost should be incurred.

Pickle (12/4).—Pickling Onions.—The following is an outline of the process for pickling onions which is adopted by large manufacturers. Large quantities of brined onions arrive in this country from Holland and are used by pickle manufacturers, but, assuming that your customer is in touch

with local growers, we give first an outline of the brining-process:

Pull the onions when of the desired size, selecting only those that have been entirely covered with earth. Store in slatted crates or vent-barrels in a cool, airy place until the tops are thoroughly dry. Then rub and sieve the onions to remove adhering soil, and pack into a tank with salt, using 18 lb. of salt to 100 lb. of onions. Let stand for a few days, add more onions to make up for the shrinking, and fill up with brine to which sodium sulphite has been added in the proportion of 1 oz. to 2 gals.

When it is desired to pickle the onions remove them from the brine, peel, and place them in the "process" tank. Cover with cold water, heat to 90° C., and allow to remain for a few days till a secondary fermentation takes place. Once or twice a day press down the floating onions, leaving them in the liquid until the onions have been bleached to the desired whiteness. Next wash with cold water and place in the final packages, adding to each bottle a sprinkling of spice and filling up with prepared vinegar. The spice is made as follows:

Whole mustard seeds	2 lb.
Whole mace	1 lb.
Allspice	1 lb.

Mix.

The prepared vinegar is strong vinegar containing, in each 50 gals., 4 oz. of preservative (sodium sulphite or bisulphite) and ½ lb. alum.

B. B. (27/4).—Chatterton's Compound, used as an insulating covering for telegraph-wires, was originally the subject of a patent (1858). It is also known as "Willoughby Smith's Compound." The composition is as follows:

Stockholm tar	1 part
Rosin	1 part
Guttapercha	3 parts

Melt together the tar and rosin, and add the guttapercha.

N₂O (21/49).—No list is published or available of chemists who undertake dental work. You might write to the Incorporated Society (see our *Diary*, p. 194).

W. S. L. (24/13).—See the last Educational Number of the *C. & D.* (August 15, 1908) for full particulars regarding the medical curriculum. Four years and nine months is the shortest period for qualification after registration as a medical student.

Virol (20/10).—Information about optical education is given in the Educational Number of The Chemist and Druggist (August 15, 1908, p. 291) or more fully in "The Chemist-Optician" (4s., office of the *C. & D.*).

S. A. (16/49).—Luke's "Guide to Anæsthetics for the Student and General Practitioner" (5s., W. Green).

G. F. (Gibraltar) (22/12).—Hair-dyes.—A reply to your last inquiry was given in the *C. & D.*, April 17, p. 614. There is no book published dealing with the subject in a more comprehensive manner than "Pharmaceutical Formulas."

Scientific Progress.

Temperatures under this heading are on the Centigrade scale.

Lignum Nephriticum.—Dr. O. Stapf, in a letter to "Nature" of April 22 (p. 218), states that recent researches have convinced him that *Lignum Nephriticum* is the wood of *Eysenhardtia amorphoides*, H.B.K., *Leguminosæ*, a small Mexican tree or shrub, and not to *Moringa pterygosperma*, the horseradish-tree of India, to which Linnæus, and Plunket and Dale before him, ascribed its origin. An aqueous infusion of the wood is dichroic and exhibits a brilliant blue fluorescence.

A New Refractometer.—The instrument which Dr. J. Lewkowitsch showed at the meeting of the London Section of the Society of Chemical Industry on May 3 was constructed by Hans Heele, Berlin. The principle upon which the instrument is based is that of the Kohlrausch-Abbe method of determining the angle at which the limiting ray entering at grazing incidence emerges from a cylinder quadrant made of French flint glass. The details of the construction were suggested by Professor Harland, of Brussels. The instrument is so constructed that the angle for air is 34° 44′ 30″. It is adapted for all refractive indices from 1.00000 to 1.75632, and can be used for solid as well as for liquid substances, and also for gases. The quadrant is surrounded by a water-jacket, so that its temperature can be kept constant at any desired degree during the observation.

Royal Society Conversazione.

The first *conversazione* of the season was held by the Royal Society, Burlington House, Piccadilly, London, W., on the evening of May 12. The chief interest to phamacists is on account of the scientific novelties which are always a feature of these gatherings. The present occasion was no exception, but we have only space to refer to some of the exhibits which are specially interesting to chemists. Professor Threlfall was showing curves to prove that cargoes of coal loaded in summer are particularly liable to spontaneous combustion. Professor Milne had seismograms of the Messina earthquake, obtained at Shide in the Isle of Wight on December 28, 1908. Messrs. Laby and Darwin showed a string electrometer used for measuring minute quantities of electricity. The same instrument can also be employed for counting α-particles (electrically charged helium atoms). The Director of Kew Gardens explained experiments made with cyclamen seedlings by removing the cotyledon and lamina. Professor Trail had an exhibit to illustrate the retention of colours in botanical specimens exposed to light. The specimens had been treated with acetate of copper, dissolved in acetic acid diluted with an equal volume of water. They are boiled in this solution as soon as possible after they are gathered, the aim being to form a copper-chlorophyll compound and to kill the protoplasm before decay begins. They are then washed thoroughly, and may be dried or mounted in spirit or 4 per cent. formic aldehyde. The examples shown had been selected to show the application of the method to various groups of plants, from algæ to angiosperms. They showed that the greens are varied after treatment, due to differences in the natural tints of the parts treated; that only those parts that contain chlorophyll are green in the preparations, and also that certain reds and other colours are frequently retained in these preparations.

There were also contributions from the Imperial Cancer Research Fund, and exhibits by Professor Karl Pearson on albinism. Among other things which Professor W. F. Barrett was showing was a new optometer, for the examination and measurement of defects in vision in which the involuntary accommodation of the patient has been overcome by using an inclined semi-transparent mirror in the eye-piece. Professor Norman Collie demonstrated a curious property of neon. Perfectly pure neon, when enclosed in a glass tube with mercury and shaken, glows with a bright orange-red colour. As neon does this at ordinary pressures, it appears to be different from other gases. When a silica tube is used and the mercury boiled in it, even at pressures of neon almost as high as atmospheric pressures, the mercury vapour glows bright green.

Sir Wm. Ramsay showed liquid radium emanation. Radium emanation, produced in a week from about half a gram of radium bromide, is frozen with liquid air, freed from hydrogen by pumping, and introduced into a fine capillary tube. This is connected with an apparatus for compressing the gas; at ordinary temperature the gas liquefies to a colourless liquid of high density, which phosphoresces strongly—more strongly than the gas. At about 70 degrees the liquid freezes to a solid, which, when further cooled, phosphoresces with remarkable brilliancy. The volume of the liquid does not exceed one five-thousandth of a cubic millimetre; a cubic millimetre has about the volume of an ordinary pin's head.

Mr. Cowper-Coles exhibited parabolic glass mirrors coated with gold, copper, and palladium. The gold-coated mirrors are an improvement on the silvered mirrors used in motor-car lamps. The Rev. H. V. Gill showed a new kind of glow in vacuum tubes; palladium foil is employed, and the glow produced is of a rich purple-blue colour. Dr. F. D. Chattaway exhibited ammonium perhalides, and there was a good show of pitchblende and its products (including radium bromide) from the St. Ives Consolidated Mines in Cornwall. In a downstairs room was shown a new process of making ribbon metals. Lead prepared in this form can be made into white lead in three days, as compared to three months usually occupied by the Dutch process.

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By Royal Warrants to
their Majesties

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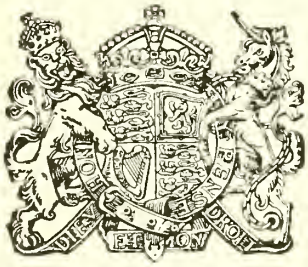
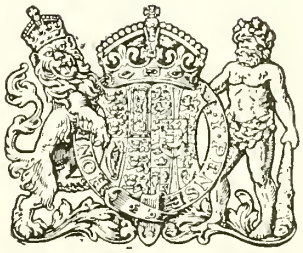


TO H.M. THE KING.

KING

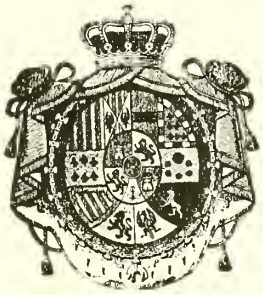
and the

QUEEN



TO H.M. THE QUEEN.

And also



to their Majesties

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These products are made by the Ammonia Process, and are distinguished from others by their great purity.

Bicarbonate of Soda.

This Bicarbonate answers all the requirements of the British Pharmacopœia. It is a pure, refined, and recrystallised salt, particularly free from metals or any base other than soda. This sodium bicarbonate is specially suitable for the preparation of granular effervescent preparations and salines, seidlitz powders and baking powders, and is well adapted for other medicinal and domestic purposes. It is the purest and cheapest sodium bicarbonate made.

Concentrated Crystal Soda.

This sodium compound (sodium sesquicarbonate) is a variety of carbonate of soda in small silky crystals, containing much less water than ordinary washing soda; 1 lb. of it does the work of 2 lbs. of washing soda. Concentrated crystal soda is excellently suited for chemists' trade; they can make a speciality of it, and it is also suited for making water-softeners, brush powders, hair-wash powders, and the like.

Pure Alkali.
58 Degrees.

A dry white powder; dissolves quickly and easily in water, making an excellent detergent for use by printers, bleachers, dyers, and for bottle washing. Is nearly equal to 99 per cent. carbonate of soda; is much used by glass, paper, and soap makers. The best alkali for soap powders and washing powders.

Pure Soda Crystals.

NOTE.—Proceedings have been taken by the Board of Trade against a person for selling as Soda Crystals an adulterated article, and the High Court has upheld the conviction. See the case of FOWLER *v.* CRIPPS, heard on 8th November, 1905, before a Divisional Court, consisting of the Lord Chief Justice, Mr. Justice Wills, and Mr. Justice Darling.

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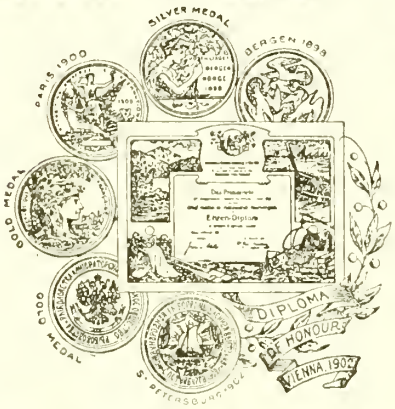

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LONDON 1908: "GRAND PRIX."

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SPÉCIFIQUE BÉJEAN, THYROIDINE.

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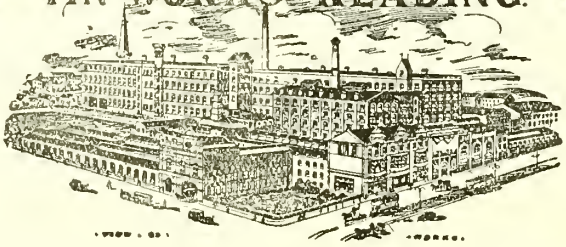
The Largest Manufacturers of Castor Oil in the World.

HUNTLEY, BOORNE & STEVENS, LTD

TIN WORKS READING.

COLOR PRINTERS ON TIN.



MAKERS OF HIGH-CLASS. DECORATED & PLAIN TIN BOXES, & SPECIALITIES FOR CHEMISTS.

Quotations to samples or descriptions.

CORRESPONDENCE INVITED.

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HUBBUCK'S PURE OXIDE OF ZINC.

*Sold by the following Wholesale Druggists in Boxes of **7** lbs. and **14** lbs., stamped by the Manufacturers; also in **1**-lb. Boxes and **1**-lb. Glass Bottles.:—*

Allen & Hanbury's (Lim.).
Baiss Bros. & Stevenson (Lim.)
Barron, Harveys & Co.
Bell, Jno., & Co.
Bleas lale (Lim.) [(Lim.).
Boot's Pure Drug Co.
Burgoyne, Burbidges &
Clay, Dod & Co. [Co.
Cockburn & Co. (Lim).
Corbyn, Stacey & Co.
Dakin Brothers.
Davey Hill & Co.
Duncan, Flockhart & Co.
Evans, Gadd & Co.
Evans Sons Lescher & Webb (Lim.).
Ferris & Co.
Gale & Co.
Glasgow Apothecaries' Co.
Glasgow New Apothecaries' Co.
Goodall, Backhouse & Co.
Harker, Stagg & Morgan.
Harkness, Beaumont & Co.
Hatrick, W. & R., & Co.
Hearon, Squire & Francis.
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Hodgkinsons, Clarke & Ward.
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Pinkerton, Gibson & Co.
Raimes, Clark & Co.
Raimes & Co.
Rankin & Borland.
Silversides, R. B. G.
Southall Bros. & Barclay.
Sumner, R. & Co.
Taylor, James.
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Willows, Francis, Butler & Thompson.
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Roller & Shoemaker, Philadelphia.
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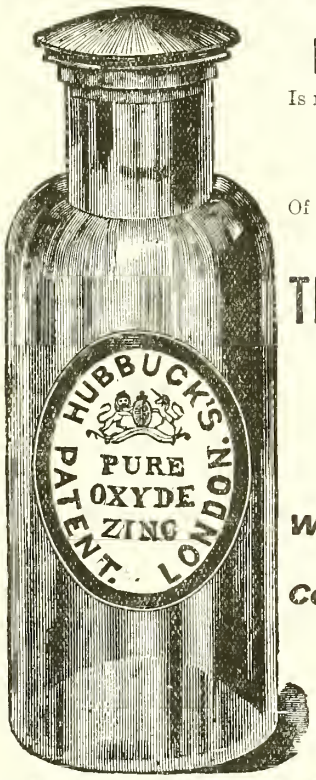

HUBBUCK'S PURE OXIDE

Is made by Sublimation, and is Warranted to contain upwards of

99 PER CENT.

Of Pure Oxide; in fact the impurities are not traceable.

THOS. HUBBUCK & SON, LTD.

(Established 1765).

24 LIME STREET, LONDON, E.C.

Manufacturers of—

White Lead, White Zinc, Paints, Oils, Colours, Varnishes, &c.

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The Manufacturers supply their Pure Oxide Wholesale only, in quantities of not less than 2 cwt.

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COUNTRY CHEMISTS WHEN IN LONDON

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SPECIALIST :: FOR :: **SPUN OINTMENTS**

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The Works are 3 minutes from Tower Bridge, 6 minutes from London Bridge, and 15 minutes by car from the Embankment, over Westminster Bridge.

THE GOODS OFFERED WILL AMPLY REPAY THE BUYERS WHO CALL.

ACETIC ACID

99% GLACIAL P.B., 90% & 80% CHEM. PURE.

In Free Carboys and Returnable Casks.

FREDK. BOEHM, LTD
16 JEWRY ST., LONDON, E.C.

VITTORIA
Liquorice Juice.

THE FINEST AND PUREST OBTAINABLE.

8½d. per lb. 75/- per cwt. In 2-oz. & 4-oz. sticks.

Specialities:

ESSENTIAL OILS.
HIGH CLASS POWDERS

Guaranteed Pure from Selected Drugs.

Importers of all Crude Drugs.

Gum, Roots, Barks, Wax, Honey, Rhubarb, Colocynth, Cascara, Tragacanth, etc.

HORNER & SONS,
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25% Protected Profit
Prices of Iron-Ox Tablets to the Trade.

One Shilling size	Under 6 dozen **10/-** per dozen net. Cash with order. 6 dozen **9/9** per doz. net in 30 days, or **9/6** cash in 10 days. 12 ,, **9/3** do. do. or **9/-** do. do.
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Mixed Orders	The above terms for 6 dozen **1/-** size, or 1½ dozen **4/-** size will be given on mixed orders value **£3.** And our very best terms on mixed orders value **£6.**

Retail Price P.A.T.A. PROTECTED **1/-** and **4/-** face value. Carriage paid on all goods.

Attractive Show Cards, Window Slips, &c., Free on Application.

IRON-OX
TABLETS.

To be obtained from all the principal Wholesale Houses or direct from THE IRON-OX REMEDY CO., Ltd., 20 Cockspur Street, Trafalgar Square, London, S.W.

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Unrivalled position for the introduction and handling of Specialities.

Wires:
"POEM HULL."

PREMIER CASTOR OILS

ALL GRADES AND PACKAGES.

Manufactured by
PREMIER OIL EXTRACTING MILLS, LIMITED,
HULL, England.

The
"Cardinal" Radium Salve.

The CARDINAL Manufacturing Co. Ltd., Spencer House, 1 Wilson Street, Finsbury, E.C.
BEG TO ADVISE THE TRADE
That all their Radium Preparations are supplied on the Price-Protected Terms.

NOTICE.

MILK EMULSION.

THE name "Milk Emulsion" is our Trade Mark for an Emulsion of Cod Liver Oil with Hypophosphites, and designates specifically that it is our preparation. Our Emulsion is known in commerce as "Milk Emulsion," and when "Milk Emulsion" is ordered people expect to receive FAULDING'S MILK EMULSION. We hereby give notice that no other persons can use the same name on their labels, wrappers or advertisements without infringing our legal rights.

"Milk Emulsion" is sold in Bottles only. Wholesale, by—

F. H. FAULDING & CO.

54 Great Tower Street, London, E.C.
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341-3 Murray Street, Perth, Western Australia.
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POTTER & CLARKE, LTD.

The Original Makers,

RASPBERRY SULPHUR CREAMS

4 lb. boxes,

8d. per lb.

28 lb. lots,

65/- cwt.

A Revolution in Medicated Lozenges.

Better than Sulphur Tablets.

Only show them. They sell themselves.

FREE SAMPLE ON RECEIPT OF A POSTCARD.

POTTER & CLARKE, Ltd., Wholesale Druggists Lozenge Makers

60-64 Artillery Lane, London, E.

PRICES ISSUED WEEKLY.

Original Packages can generally be supplied at the Current Prices quoted in the Trade Report of this paper on Terms as below.

Acetanilide, B.P., 1 cwt. @ 11¼d lb.; 7 lbs. @ 1/2 lb.; 1 lb. @ 1/3 lb.
*Acet. Ipecac. B.P., 7 lbs. @ 1/3 lb.
* „ Scillæ, B.P., 7 lbs. @ 3d. lb.
*Acetone, 6 lbs. @ 1/2 lb.; 1 lb. @ 1/4 lb.
***Acid Acet. Glacial.**, 99%. Carboys 144 lbs. @ 4¼d. lb.; 126-lb. bots. @ 6½d. lb; 6 lbs. @ 8d.
Acid Acetylo-Salicyl., 56 lbs. @ 2/1 lb.; 7 lbs. @ 2/3 lb.; 1 lb. @ 2/5 lb.
„ Benz. B.P., 7 lbs. @ 1/8 lb.; 1 lb. @ 2/- lb.
„ Boric, Pulv., 3 cwt. @ 28/- cwt.; 1 cwt. @ 28/6 cwt.; Levigated, 3/- cwt. extra.
„ **Carbol Xtls.**, 39/40; 56 lbs. @ 5½d. lb.; 10-lb. Tins @ 5/6 each; Detached Cryst. 8/- each; 36 1-lb. Bots., 9d. lb., Single Bots. 11d. lb.; Detached Cryst. 1 lb. @ 1/1 lb; Crude Black, 45 Gall. Casks @ 10d. gall.; 1 Gall. Tins @ 1/5 each.
„ **Citric Cryst.**, B.P. '85, 1 cwt. @ 1/5 lb.; 7 lb. in Bags @ 1/6 lb.; powder ½d. extra.
„ Dietbylbarbituric, 16 oz. @ 2/- oz.; 1 oz. @ 2/8 oz. [2/- lb.
„ Gallic pur. B.P., 7 lbs. @ 1/10 lb; 1 lb. @
„ Hydrobrom., dil., B.P., 6 lbs. @ 7d. lb.
„ Hydrochlor. Coml., cases of 4 2-gal. jars, 17/- each; 20 case lots @ 16/- each.
* „ Hydrocyan. P.B., 6 lbs. @ 1/1 lb.; 1 lb. @ 1/4 lb.; 36 1 oz. Vials @ 3/6 doz.
„ **Oxalic Cryst.**, 5 cwt. @ 3⅜d. lb.; 1 cwt. @ 3⅝d. lb.; 14 lbs. @ 4d. lb.
* „ Phospb. Dil., B.P., 8 lbs. @ 4½d. lb.
„ Salicyl. pulv., 1 cwt. @ 1/1 lb.; 28 lbs. @ 1/2 lb.; 7 lbs. @ 1/3 lb.; phys. pure, 1 lb. @ 3/- lb.
„ Sulphur Coml., cases, 4 2-gal. jars, 17/- each; 20 cases @ 16/- each.
* „ Sulph. Aromat., B.P., 5 lbs. @ 3/8 lb.
„ Tannic, B.P., 7 lbs. @ 2/2 lb.
„ Tart., cryst. or pulv., B.P. 1885, 1 cwt. @ 10½d. lb.; 7 lbs. @ 11½d. lb.; parv. ¼d. lb. extra.
Adeps Benz., B.P., 28 lbs. @ 8d. lb.
Adeps Lanæ B.P., Anhydrous, 2 cwt. @ 52/6 cwt., Hydrous @ 49/- cwt.; 1 cwt @ 2/- cwt., 28 lbs. @ 5/- cwt., 14 lbs. @ 8/- cwt., 7 lbs. @ 12/- cwt. extra.
Aloes Barb., English Ground, 28 lbs. @ 88/- cwt.; 7 lbs. @ 10½d. lb. [1/8 lb.
Aloes, Socot., 7 lbs. @ 1/5 lb.; powder, 7 lbs. @
Ærugo Æris Pulv., 14 lbs. @ 11d. lb.
Aloin B.P., 1 lb. @ 3/9 lb.
Ammon. Benz., 7 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
Ammon. Brom., P.B., 1 cwt. @ 1/1½ lb.; 7 lbs. @ 1/3 lb.
Ammon. Carb. lump, 3 cwt. @ 3⅜d. lb.; 28 lbs. @ 4½d. lb.; 7 lbs. @ 5d. lb.; powder, ½d. lb. extra.
Ammon. Chlor., 99% pulv., 1 cwt. @ 33/- cwt.; 7 lbs. @ 4d. lb.; Batteries, 4/- cwt. extra.
Amyli Pulv., 10 cwt. @ 13/3 cwt.; 2½ cwt. @ 13/9 cwt.; 1 cwt. @ 15/3 cwt.
Aniseed, English ground, 1 cwt. @ 35/- cwt.; 7 lbs. @ 5d. lb. [@ 5d. lb.
Antim. Crocus Pulv., 1 cwt. @ 38/- cwt.; 14 lbs.
Antim. Nig. pulv., 1 cwt. @ 25/6 cwt.; 14 lb. @
Apiol, 1 lb. @ 13/9 lb. [33/- cwt.
*Aqua Anethi Conc. 1-40, 1 lb. @ 2/11 lb.
* „ Anisi Conc. 1-40; 1 lb. @ 3/1 lb.
* „ Cinnam. Conc. 1-40, 1 lb. @ 3/4 lb. [7d. lb.
* „ Aurant. Trip., 53 lbs. @ 17/6; 6 lbs. @
* „ Aurant. Conc., 1-40, 1 lb. @ 6/1 lb.
* „ Rosæ Trip., 53 lbs. @ 17/6; 6 lbs. @ 7d. lb.
* „ Rosæ Conc. 1-40, 1 lb. @ 6/- lb.
* „ Samb. Trip., 53 lbs. @ 23/6; 6 lbs. @ 8d. lb.
* „ Samb. Conc., 1-40, 1 lb. @ 6/1 lb.
* „ Laurocerasi, 53 lbs. @ 17/6; 6 lbs. @ 7d. lb.
* „ Mentb. Pip. Conc. 1-40, 1 lb. @ 3/- lb.
Araroba, fine powder, 7 lbs. @ 6/10 lb.; 1 lb. @ 7/4 lb. [1/10 oz.
Argent. Nit., 6's to oz., 25 oz. @ 1/8½ oz.; 1 oz. @
„ „ Cryst., 25 oz. @ 1/6 oz.; 8 oz. @ 1/7 oz.
Atropinæ Sulpb., P.B., 1 oz. @ 14/- oz. [4d. lb.
Arsenic, Alb. Pulv., 1 cwt. @ 20/- cwt.; 7 lbs. @
Auri Chlor., 6 doz. 15 gr. tubes @ 18/3 doz.; 1 doz. 15 gr. tubes @ 19/6 doz.
Bals. Copaibæ pure, 44 lbs. @ 2/2 lb.; 9 lbs. @ 2/4 lb.; 1 lb. @ 2/8 lb.
Bals. Peruv. P.B., 1 lb. @ 9/6 lb.
„ Sulphur, 7 lbs. @ 8d. lb.
„ Tolut. B.P., 50 lbs. @ 1/- lb.; 1 lb. @ 1/4 lb.
Benzo-Naphthol, 7 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
Bismuth, P.B. Carb., 14 lbs. @ 7/9 lb.; 3 lbs. @ 8/1 lb.; subnit., 1/- lb less.
Boracic Mixture, 1 cwt. @ 38/ cwt.
Borax, 1 cwt. @ 16/9; powder 1/- extra
Butyl Chloral Hydras, P.B., 1 lb. @ 8/10 lb.
Caffeine, P.B., 1 lb. @ 14/- lb.
Caffeinæ Cit. B.P., 1 lb. @ 10/- lb.
Calamina, powder, fine pink, 5 cwt. @ 9/6 cwt.; 1 cwt. @ 10/6 cwt.; 7 lbs. @ 2d. lb.
Calamine B.P., 7 lbs. @ 9d. lb.
Calcii Carb. præcip., 5 cwt. @ 14/6 cwt.; 1 cwt. @ 17/- cwt.; 28 lbs. @ 19/- cwt. [5d. lb.
„ Hydras, P.B., 1 cwt. @ 25/- cwt.; 7 lbs. @
„ Hypophosph. Pur. P.B. 1 lb. @ 2/3 lb.
„ Iodid., 1 lb. @ 14/6 lb.
Camphor, English Flowers, "not artificial," 5 lbs. @ 1/11 lb., ½ oz. 7 lbs. @ 2/2 lb.; ½ oz. 7 lbs. @ 2/4 lb. Crude, 140 lbs. @ 1/4¾d. lb.; 28 lbs. at 1/6 lb.
Cantharides, Russian, 7 lbs. @ 2/10 lb.; powder, 5d. lb. extra.
Capsicine, soluble, 1 lb. @ 6/6 lb.
Carbo Animalis or Ligni, 1 cwt. @ 14/- cwt; 28 lbs. @ 2d. lb. [13/- lb.
Carmine, Finest, 1 lb. @ 17/- lb.; No. 2, 1 lb. @
Cera Alba, B.P., White Moons, 1 cwt. @ 1/6½ lb.; 28 lbs @ 1/7½ lb.; 4 lbs. @ 1/8 lb. Flav. 1 lb. Blocks, 28 lbs. @ 1/6½ lb.; 4 lbs. @ 1/7½ lb.; 1 oz., ½ oz. Tabs., 7 lbs. @ 1/7½ lb.
Cerii Oxalas, 7 lbs. @ 1/2 lb.
Cetaceum: No. 1, fine white, 64 lbs. @ 1/4 lb.; 7 lbs. @ 1/6 lb.; powder, 7 lbs. @ 1/10 lb.
Chloral Hydras Cryst. B.P., 7 lbs. @ 4/5 lb.; 1 lb. @ 4/9 lb.
*Chlorodyne, 5 lbs. @ 1/11 lb.
***Chloroform**, pure B.P., 12 8-lbs. @ 1/7½ lb.; 8 lbs. @ 1/8½ lb.; 6 1-lb. botts. @ 1/10½ lb.
Chloropbyll, 7 lbs. @ 5/- lb.; 1 lb. @ 5/9 lb.
Cocainæ Hydrochlor. P.B., 25 ozs. @ oz.; 4 ozs. @ 7/10 oz.; 1 oz. @ 8/- oz.
Codeina, 1 oz. @ 10/9 oz.; Phosph., 1 oz. @ 9/3 oz.; Hydrochlor. or Sulph. 1 oz. @ 9/11 oz.
Colocynth, Apple, English ground, 1 cwt. @ 10½d. lb.; 28 lbs. @ 11d. lb.; 7 lbs. @ 1/0½d. lb.
Turkey Pulp, 2 cwt. Bales @ lb.; 7 lb. @ lb. [7 lbs. @ 7½d. lb
Composition Powder (Coffin's), 1 cwt. @ 58/- cwt.;
Conf. Sennæ P.B., 14 lbs. @ 8d. lb.; 7 lbs. @ 8½d. lb.
Cort. Aurant. Exot. Shreds, 1 cwt. @ 6½d. lb.; 7 lbs. @ 8d. lb.
„ Cinchon. Rub. (Quill), 7 lbs. @ 1/- lb.
Cort. Ulmi Fulvæ, English Ground, 1 cwt. @ 8½d. lb.; 7 lb. @ 10d. lb.
Cream Tartar, 98 % powder, 1 cwt. @ 74/- cwt.; 7 lbs. @ 9d. lb. [*7 lbs. @ 1/9 lb.
Creosotum Beechwood, P.B., 22 lbs. @ 1/7 lb.;
Creta c. Camph., 7 lb. @ 8d. lb.
„ Gall. Pulv., in sacks, 10 cwt. @ 6/- cwt.; 1 cwt. @ 7/- cwt.; 14 lbs. @ 1½d. lb.
Creta Præparata, 7 lbs. in box, 9d. each.
Cubebæ, English Ground, 28 lbs. @ 126/- cwt.; 7 lbs. @ 1/4d. lb.
*Dec. Aloes Co. Conc. 1-2, 6 lbs. @ 2/4 lb. Sine croco, 6 lbs. @ 1/2 lb. [lb.
*Dec. Cinchonæ (Rubræ) Conc. 1-7, 6 lbs. @ 1/10
*Dec. Senegæ Conc., 6 lbs. @ 2/1 lb.
Dionine, 15 grains @ 1/8; ¼ oz. @ 9/-.
Emp. Spread 12 yds. × 16 ins. Adhesive, 3/8; Bellad. B.P.C. Green @ 16/6; Cerat. Saponis @ 7/6; Picis Co. @ 7/6; Plumbi @ 6/-; Resin @ 4/6; Roborans @ 6/-; Saponis B.P. @ 6/-.
Emp. Picis, P.B., 7 lbs. @ 8½d. lb.
„ Plumbi, P.B., 7 lbs. @ 8½d. lb.
„ Resinæ, P.B., 7 lbs. @ 8½d. lb.
Emp. Roborans, 7 lbs. @ 8½d. lb.
Emulsio Ol. Morrhuæ, 10 lbs. @ 6½d. lb.
Eserine Sulph. in 15 grain tubes, 3/- each.
Ess. Bergam. (Oil), 12 lbs. @ 14/- lb.; 1 lb. @ 15/6 lb., not guaranteed absolutely pure.
Ess. Limonis (oil) original coppers, 12 lbs. @ 3/6 lb.; 6 1-lb. bots. @ 4/6 lb., not guaranteed absolutely pure. [@ 11/3 lb.
*Ess. Moschi (not artificial), 5 lb. @ 10/3 lb.; 1 lb.
*Ess. Pear (artificial), Jargonelle, 5 lbs. @ 1/6 lb.; Bergamot, 2/6 lb.
*Ess. Pineapple, 5 lbs. @ 3/4 lb.
* „ Raspberry, 5 lbs. @ 1/10 lb.; 1 lb. @ 2/2 lb.
* „ Vanilla Beans, 5 lbs. @ 4/4 lb.; 1 lb. @ 4/7 lb. [@ 5/- lb.
*Ext. Belladonnæ Liq. B.P., 5 lbs. @ 4/7 lb.; 1 lb.
Ext. Cannab. Ind. Alc. B.P., 5 lbs. @ 36/- lb. 1 lb. @ 37/- lb. [1/3 lb.
Ext. Cascara Sag. Liq., B.P., 10 lbs. @
*Ext. Ergot. Liq. P.B., 5 lbs. @ 3/1 lb.; 1 lb. @ 3/4 lb. [4/8 lb.
Ext. Filicis Liq., P.B., 9 lbs. @ 4/2 lb.; 1 lb. @
Ext. Gent., P.B., Solid, 1 cwt. @ 8¼d. lb.; 7 lbs. @ 9½d. lb.
* „ Glycyrrh. Liq. B.P. 6 lbs. @ 1/6 lb.
* „ Hamamelis, Liq. P.B., 5 lbs. @ 3/5 lb.
„ Hyoscyam. Solid P.B., 3 lbs. @ 8/9; 1 lb. @ 9/3 lb.
*Ext. Ipecac. Liq. P.B., 5 lbs. @ 1 1/- lb.; 1 lb. @ 11/9 lb.
„ Malti c. Ol. Jecoris, 10 lbs. @ 5½d. lb.
***Ext. Nucis Vom. Liq. B.P.**, 5 lbs. @ 3/3 lb.; 1 lb. @ 3/6 lb.; solid 5 lbs. @ 2/10 lb.; 1 lb. @ 3/1 lb.
„ Opii Solid P.B., 1 lb. @ 28/6 lb.
* „ Opii Liq. B.P. 5 lbs. @ 3/10 lb.; 1 lb. @ 4/- lb.
„ Quassiæ, Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/4 lb.
Ext. Sarsæ Co. Solid; 7 lbs. @ 4/- lb.; 1 lb. @ 4/6 lb.
Ferri Ammon. Cit. P.B. 28 lbs. @ 1/6½ lb.; 7 lbs. @ 1/8½ lb.
Ferri Carb., 1 cwt. @ 21/- cwt.; 28 lbs. @ 3d. lb.
Ferri et Quininæ Cit., P.B.; 500 ozs. @ 3d. oz.; 100 ozs. @ 3½d. oz.; 25 ozs. @ 3½d. oz.
Ferri Sulph., pure cryst., 1 cwt. @ 15/-; 7 lbs. @ 2d. lb. [1/3 lb.
Ferrum Redact. 80%, 28 lbs. @ 1/1 lb.; 7 lbs. @
Flor. Antb. Exot., first pickings 1908, 1 cwt. @ 66/- cwt.; 7 lbs @ 8d. lb.; 2nd. 1 cwt. @ 48/-.
Fol. Bucbu, round good green, 1 cwt. @ 1/- lb.;
„ 7 lb. @ 1/2 lb.
„ Hyoscyam. Bien., 1 lb. @ 12/- lb.
„ Sennæ, Alex. Parv., 1 cwt. @ 4d. lb.; 28 lbs. @ 4½d. lb.
„ Sennæ Tinnev. 3½ cwt. @ 2½d. lb.; 1 cwt. @ 3¼d. lb.; 7 lbs. @ 3½d. lb.; English Ground, 1 cwt. @ 5¾d. lb.; 56 lb. @ 6d. lb.; 7 lbs. @ 7d. lb. [7 lbs. @ 7½d. lb.
Formaldehyde, 40%, 132-lb. Carboys @ 50/- each;
Fuller's Earth, fine powder or lump, 5 cwt. @ 5/- cwt.; 1 cwt. @ 6/- cwt.
Gamboge English Ground, 7 lbs. @ 4/- lb.; 1 lb. @ 4/4 lb.
Ginger, English Ground, 1 cwt. @ 52/- cwt.; 7 lbs. @ 6½d. lb.
Gingerine, Extra, 5 lbs. @ 9/6 lb.; 1 lb. @ 10/- lb.
Glycerin. Opt., D.D., 1·260 P.B., 1 cwt. @ 73/- cwt.; 56 lb. @ 74/- cwt.; 12 lbs. @ 9½d. lb.
*Glycerin. Acid. Boric P.B., 6 lbs. @ 1/2 lb.
*Glycerin. Acid. Carbolic P.B., 6 lbs. @ 1/2 lb.
* „ Acid. Tannic, P.B., 6 lbs. @ 1/2 lb.
* „ Belladon. B.P.C., 6 lbs. @ 2/6; 1 lb. @ 2/9 lb.
* „ Boracis P.B., 6 lbs. @ 11d. lb.
Glycerin. Pepsine Acid P.B., 1 lb. @ 3s. lb.
*Glycerine Plumbi, subacet., P.B., 6 lbs. @ 1/4 lb.
Gran. Parad., 1 cwt. @ 75/- cwt.; 7 lbs. @ 9d. lb.; Powder, 7 lbs. @ 10d. lb.
Guaiacol Carb., 7 lbs. @ 5/- lb.; 1 lb. @ 5/4 lb.
Guaiacol, pure, 1 lb. @ 3/6 lb.
Gum Acaciæ sorts, 3 cwt. @ 38/- cwt.; 1 cwt. @ 45/- cwt.; 7 lbs. @ 5½d. lb.; English Ground Powder, No. 1, 1 cwt. @ 95/- cwt.; 7 lbs. @ 1/- lb.; No. 2, 1 cwt. @ 60/- cwt.; 7 lbs. @ 8d. lb. @ 1/6 lb.
Gum Benzoin, Sumatra, 84 lbs. @ 1/4 lb.; 7 lbs.
Gum Catechu, Nig. English Ground, 1 cwt. @ 50/- cwt.; 14 lbs. @ 6d. lb.
Gum Guaiaci, 1 cwt. @ 10½d. lb.; 28 lbs. @ 1/- lb.
Gum Juniper, 14 lbs. @ 9d. lb.
Gum Thus Elect, 2½ cwt. @ 28/- cwt.; 28 lb s. @ 32/3 cwt.
Gum Tragac. Elect., English Ground, 7 lbs. @ 3/6 lb.; 1 lb. @ 3/9 lb.
*Heading (Frothing Ess.), 5 lbs. @ 1/1 lb.

*Minimum quantity at these prices, Home Trade, 3 Winchester Quarts assorted. Export, 12 Winchester Quarts assorted.

NOTE.—Only Terms Net Cash with order without discount, or orders accepted through London Merchants or Bankers.

Goods carriage forward; all packages free; Export cases extra.

ALLIANCE DRUG & CHEMICAL CO., LONDON.

Office: 34 LEADENHALL STREET.

KINDLY DETACH THIS SHEET AND PLACE IT IN YOUR BUYING BOOK.

NOW IS THE SEASON FOR
COUGHS & COLDS
NOW IS THE TIME TO STOCK

Licoricine
ACTS LIKE MAGIC

"LICORICINE" is an article of wonderful merit. Wide-spread recommendation and steady and persistent advertising ensures a rapidly increasing sale. *YOU* stock it, of course?

The minimum prices are fixed at:—

Retail ...	7½d.	size at	7½d. each	Wholesale,	7½d.	size at	6/3 doz.
Do. ...	1/1½	,,	1/- ,,	Do.	1/1½	,,	10/- ,,
Do. ...	2/9	,,	2/6 ,,	Do.	2/9	,,	25/- ,,

All Orders under £2 value, net on Rails. Orders for £2 and upwards, Carriage Paid. Orders for £5 and upwards, subject to 5 per cent. discount.

MANDALL & CO., Ltd., MANUFACTURING CHEMISTS,
STOCKTON-ON-TEES.

Enquiries for Showcards, Handbills, Counter Bills, &c., with Customer's name, will be promptly attended to.

DAY'S OIL OF THE NIGHT

The great household Remedy for Chest Colds, Sore Throat, Rheumatism, Sciatica, & all aches & pains.

"A positive pain killer."—DR. GORDON STABLES, R.N.

Advertised Prices ... 1 1½ and 2 9 per bottle.
Trade Prices ... 10 - and 25 - per dozen.
CARRIAGE PAID.

Proprietors:—DAY & SONS, CREWE, LTD., CREWE.

ICHTHYOL

WE warn buyers that fraudulent and ineffective articles purporting to be Ichthyol, or "equal to Ichthyol," are offered by unscrupulous dealers.

Genuine Ichthyol, as it has been studied and is wanted by the Medical Profession and supplied all the time to the Trade, is delivered by us in tins and bottles under our special label with our name. The use of our registered trade mark "ICHTHYOL" for any other product means deception and dishonesty, and will entail their penalties.

Physicians, Chemists, and Druggists are requested to report to us all cases where imitation products are suspected.

ICHTHYOL COMPANY,
CORDES HERMANNI & CO.,
Hamburg.

THE SERUM TREATMENT OF
HAY FEVER

Autumnal Catarrh, Rose Fever, and Similar Complaints.

POLLANTIN

(Specific Antidote for Pollen Toxine).
Patented in Germany, England, the United States, &c.
Prepared under supervision of the Discoverer,
Prof. DR. DUNBAR,
BY
SCHIMMEL & CO.
MILTITZ, near LEIPZIG
(GERMANY).

Sole Agents for the U.K. and the British Colonies
(Canada and Australasia excepted):
Willows, Francis, Butler & Thompson, Ltd.,
Wholesale Druggists,
40 Aldersgate Street, LONDON, E.C.

. . THE . .

Chemist's Co-operative Wholesale.

			s.	d.
Acid. Benzoic. B.P. 28 lbs. @ 1/5	7 lbs.	lb.	1	6
Acid. Tartaric. Pulv. or Parv. B.P. 1885 ...	14 lbs.	,,		11
Adeps Benz. B.P.... ...	28 lbs.	,,		7½
Adeps Lanæ Hydrosus, B.P.	28 lbs.	,,		6
Aqua Menth. Pip. Conc. 1-40	5 lbs.	,,	2	4
Balsam Copaibæ, B.P. 44 lbs. @ 2/1	9 lbs.	,,	2	3
Bismuth Carb. B.P. 14 lbs. @ 7/4½	3 lbs.	,,	7	6
Bismuth Subnit. B.P. 14 lbs. @ 6/4½	3 lbs.	,,	6	6
Camphor, English, Genuine Flowers ... 30 lbs. @ 2/-	5 lbs.	,,	2	1
Tablets, ½, ⅓, & ¼ oz. 1 cwt. @ 1/11, 28 lbs. @ 2/-	7 lbs.	,,	2	1
Chloroform B.P. 12×8 lb. bots. @ 1/6½ lb.	8 lbs.	,,	1	7½
Cocainæ Hydrochlor. B.P. 25 ozs. @ 7 4, 8 ozs. @ 7/6	1 oz.	oz.	7	8
Cream of Tartar, B.P. ...	7 lbs.	lb.		9
Dec. Sarsæ Jam. Co. Conc. 1-7	6 lbs.	,,	2	2
Ext. Cascaræ Sagradæ Liq. B.P.	6 lbs.	,,	1	2
Ext. Ergotæ Liq. B.P. ...	1 lb.	,,	2	10
Ext. Glycyrrh. Liq. B.P.	6 lbs.	,,	1	2
Ferri et Quinin. Cit. B.P. 100 ozs. @ 3d.	25 ozs.	oz.		3¼
Glycerine, B.P., D.D. 1 cwt. @ 70/-	56 lbs.	cwt.	71	0
Hydrarg. Ammon. B.P. 28 lbs. @ 2/10	7 lbs.	lb.	2	11
Infus. Buchu Conc. 1-7 ...	6 lbs.	,,	1	3
Infus. Gent. Co. Conc. 1-7	6 lbs.	,,		11
Infus. Senegæ Conc. 1-7	6 lbs.	,,	1	10
Lin. Aconiti Meth. ...	6 lbs.	,,		10
Lin. Belladon. Meth. ...	6 lbs.	,,	1	2
Lin. Camph. B.P.... ...	40 lbs.	,,	1	0
Liq. Ammon. Acet. Conc. 1-7	6 lbs.	,,		9
Menthol, Cryst. B.P. 5 lbs. @ 7/6	1 lb.	,,	7	10
Morphinæ Acet., Hydrochlor. or Sulph. B.P. Pulv. ... 8 ozs. @ 6/5	1 oz.	oz.	6	8
Oleum Amygd. Dulc. Ang. B.P. 30 lbs. @ 1/8	9 lbs.	lb.	1	9
Oleum Caryoph. Ang. B.P. 5 lbs. @ 3/1	2 lbs.	lb.	3	4
Oleum Cocois Nuciferæ, Odourless	20 lbs.	,,		5¼
Oleum Juniperi Ligni 28 lbs. @ 1/4	9 lbs.	,,	1	5
Opium Turc. (10½ % Morphine) ... 7 lbs. @ 13/6	1 lb.	,,	11	0
Phenacetin B.P. 7 lbs. @ 2/7	1 lb.	,,	2	9
Phenazonum B.P. 7 lbs. @ 6/10	1 lb.	,,	7	0
Potass. Bromid. B.P. 1 cwt. @ 10½d., 28 lbs. at 11d.	7 lbs.	,,	1	0
Potass. Iodid. B.P. 14 lbs. @ 7/8	3 lbs.	,,	7	11
Pulv. Glycyrrh. Co. B.P.	28 lbs.	cwt.	30	0
Quinine Sulph. B.P. "Not Java" 100 ozs. @ 6¾d.	25 ozs.	oz.		7¼
Santoninum B.P. 7 lbs. @ 13/-	1 lb.	lb.	13	6
Spt. Æther Nit. B.P. ...	5 lbs.	,,	3	5
Spt. Ammon. Arom. B.P.	5 lbs.	,,	2	9
Strychnine Cryst. B.P. 25 ozs. @ 1/6	8 ozs.	oz.	1	8
,, Pulv. 25 ozs. @ 1/5½	8 ozs.	,,	1	7½
,, Hydrochlor. B.P. 25 ozs. @ 1/4	8 ozs.	,,	1	6
Tinct. Aurant. Recens B.P.	5 lbs.	lb.	3	2
,, Benzoin. Co. B.P.	5 lbs.	,,	3	3
,, Camph. Co. B.P. ...	5 lbs.	,,	2	4
,, Cardam. Co. B.P.	5 lbs.	,,	2	5
,, Chloroform et Morph. B.P. 1885	5 lbs.	,,	1	6
,, Cinchonæ B.P. ...	5 lbs.	,,	2	11
,, ,, Co. B.P.	5 lbs.	,,	3	1
,, Gentian. Co. B.P.	5 lbs.	,,	1	11
,, Hyoscyam. B.P. ...	5 lbs.	,,	2	7
,, Iodi B.P.	5 lbs.	,,	3	9
,, Lavand. Co. B.P. ...	5 lbs.	,,	3	5
,, Nucis Vom. B.P. ...	5 lbs.	,,	2	4
,, Opii B.P.	5 lbs.	,,	2	9
,, ,, Aquosi ...	5 lbs.	,,	2	0
,, Quininæ Ammon. B.P.	5 lbs.	,,	2	4
,, Rhei Co. B.P. ...	5 lbs.	,,	2	3
,, Senegæ B.P. ...	5 lbs.	,,	2	10
,, Zingib. Fort. B.P. 1885	5 lbs.	,,	3	10

COMPRESSED TABLETS.

CASCARA SAGRADA (2 grn. Sugar Coated)

1s. 9d. per 1000.

36 CAMOMILE STREET, LONDON, E.C.

TERMS: Cash with order. Packages free. Export Cases extra.

Carriage paid as follows:—London & Suburbs: On orders value £2. Country: On orders value £5. Heavies excluded.

THE "EMPIRE" CLINICAL THERMOMETERS.

Guaranteed Best London Make from Well-seasoned Tubes.

PRICES.

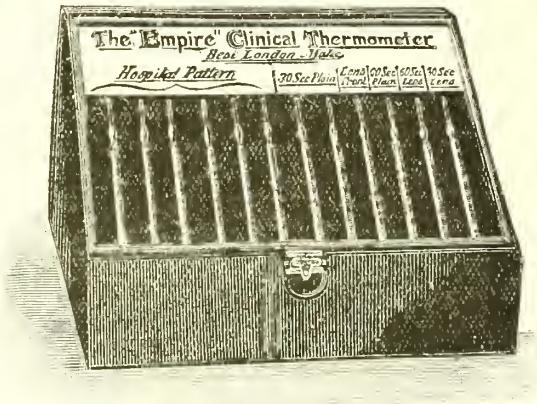
"Hospital" Pattern, in metal case, per doz. 9 0

"Hospital" Pattern, in 3 dozen lots, per doz. 8 0

"Hospital" Pattern, in 6 dozen lots, per doz. 8 0

"Hospital" Pattern, lens front, per doz. 13 0

Certificate of accuracy for any Thermometer ... per doz 5 0



PRICES.

60 second, plain, per doz. 12 0

,, lens front, per doz. 16 0

30 second, plain, per doz. 13 6

,, lens front, per doz. 20 0

Certificate of accuracy verified by Kew Observatory, per doz. 15 0

Each Thermometer is packed in a specially designed card box with descriptive label on lid. We accept all risk from breakage in transit if advised by return of post.

☛ ***A Glass-topped Showcase, as above illustration, GIVEN FREE with orders for 3 dozen Thermometers***

N.B.—5 per cent. discount allowed for prompt cash off above and all List prices. Carriage paid on orders of £2 and upwards to any town in the United Kingdom.

We are the right House for Anti-Rheumatic Rings, Belts, Catheters, Enemas, Elastic Hosiery, Hot Water Bottles, Injection Syringes, Pessaries, Sponge Bags, Trusses, Water Beds, Water and Air Cushions, Waterproof Sheeting, and every description of India Rubber Goods.

OUR GOODS ARE RIGHT AND PRICES LOW.

Write for New Illustrated Price List; post free.

BURGE, WARREN & RIDGLEY, LIM., 91 & 92 Gt. Saffron Hill, LONDON, E.C.

LENS MEASURE

FOR MEASURING

Spherical and Cylindrical Lenses.

Price **17/6** each post free.

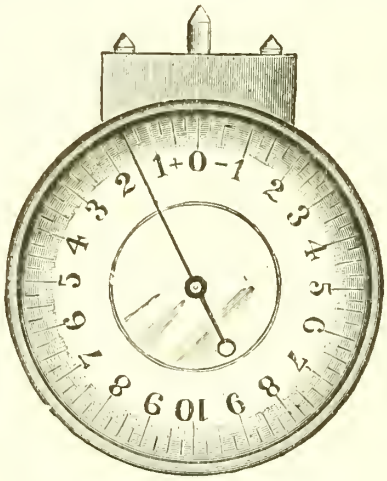


Illustration shows instrument exact size.

Manufactured and Sold by—

BOTWRIGHT & GREY,

Spectacle and Eyeglass Makers,

13 & 14 Spencer Street, Clerkenwell, LONDON, E.C.

GOOD NEWS FOR ALL.

ZOTOS

The Infallible Remedy against

SEA-SICKNESS,

TRAIN-SICKNESS, &c.,

has proved itself

A BOON TO TRAVELLERS AND A SOURCE OF PROFIT TO THE TRADE.

ZOTOS is being extensively advertised, and commands a ready sale.

ZOTOS is certified to contain no injurious drug by Mr. Ernest J. Parry, B.Sc., F.I.C., F.C.S.; has no bad after-effects; is absolutely harmless.

ZOTOS is on the P.A.T.A. List.

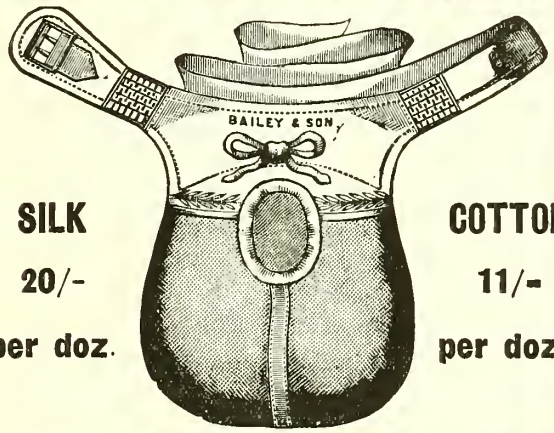
REMEMBER every Traveller requires a box of "ZOTOS," and all Travellers call at their Chemist's for supplies before going on a voyage.

Sole Proprietors:

ZOTOS LTD 32-34 Theobald's Rd., LONDON, W.C.

Telephone: 1348 City. Telegrams: "Zotosetto."

BAILEY'S "A.B.C." SUSPENSORIES.



SILK 20/- per doz.

COTTON 11/- per doz.

Assorted—A, small; B, medium; C, large bags.

W. H. BAILEY & SON,
38 OXFORD STREET, LONDON. W. [3]

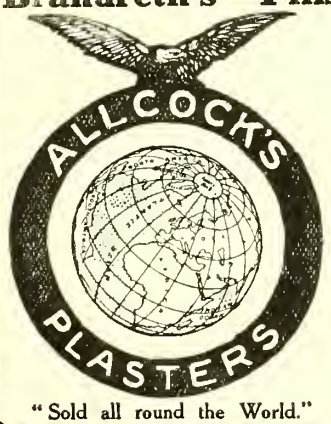
The Original and only Genuine

Allcock's

POROUS PLASTERS

A REMEDY OF 60 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and Bunion Plasters
Brandreth's Pills
The Three Reliables.



A HANDSOME SHOWCARD will be sent free of cost and post paid on application.

ALLCOCK MANUFACTURING COMPANY
22 Hamilton Sq., Birkenhead.

"Sold all round the World."

Transfer of Business.

MESSRS.

WRIGHT TURNER & SON, Ltd.,

PENDLETON, MANCHESTER,

Have pleasure in informing their friends that they

HAVE DISPOSED OF THE ABSORBENT COTTON AND COTTON WOOL BRANCH OF THEIR BUSINESS TO

Messrs. W. G. TAYLOR,

Manufacturers of Absorbent Cotton, Lint, Taylor's "A1" Flax Lint, Cotton Wools, Taylor's Gauze Tissues, Calico, Flannel, Domette Bandages, Surgical Dressings, of New Charford Mills, Saltley, Birmingham, and Old Charford Mills, Bromsgrove.

In making this announcement, Messrs. Wright Turner & Son, Ltd., take the opportunity of thanking their friends for past favours, and trust they will continue the same measure of support to their successors.

On and after May 31st will customers kindly direct their orders to W. G. Taylor, New Charford Mills, Saltley, Birmingham.

W. G. TAYLOR, (a branch of Southall Bros. & Barclay, Ltd.)
BIRMINGHAM and BROMSGROVE.

VERNON & CO. LTD.

Penwortham Mills, PRESTON,

MANUFACTURERS OF

ABSORBENT LINTS.
COTTON WOOLS.
GAUZE TISSUE,
SANITARY TOWELS, &c.

We spin the yarns from the raw material, weave the cloth, bleach, raise, and finish on our own premises.

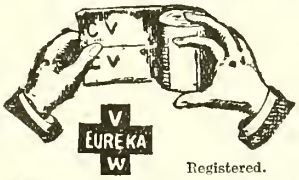
Every Genuine Bandage must have "Eureka" on Wrapper.

VINCENT WOOD'S NEW FAST EDGE

"Eureka" Crêpe Velpeau Bandages.

RUBBERLESS, Porous and WASHABLE.

Special discount for quantities.



Registered.

SOLE IMPORTER for Gt. Britain and Colonies.

Wholesale from all Sundries Houses.

THE BANDAGE OF THE FUTURE
in cases of Varicose Veins, Sprains or Abdominal Binding, &c.
NO OTHER will be worn or asked for.

Prices per doz. Bandages, Widths:	2	2½	3½	8	11 ins.
Best Quality	12/-	15/-	18/-	36/-	54/-
2nd ,, ,, ...	9/-	12/-	15/-		

Send for Price List of Trusses, Belts, Hot Water Bottles, Elastic Stockings, Sponge Bags, Bathing Caps, &c.

4 ALBION PLACE, Blackfriars Bridge, LONDON, S.E.

Customers can have their own names on Wrappers and Circulars.

THE OFFORD HYGIENIC TRUSS.

"SIMPLE—SCIENTIFIC—SECURE." PATENT.

NO BODY SPRING.
NO UNDERSTRAP.
WASHABLE.

Can be placed where required and remains in position.

Weighs only 3 ozs.

The *"OFFORD" TRUSS* readily sells, because it has so many advantages over all other Trusses.

Liberal Terms are offered to Chemists; these and the fact that a very small stock is necessary make the *"OFFORD" TRUSS* a profitable line to push.

A limited number of Window Displays can be arranged for in each district.

NO FITTING REQUIRED.

Made in one size only, Rights, Lefts and Doubles.

Does not deteriorate in stock.

For particulars, Trade Terms, Descriptive Booklets, &c., apply

THE OFFORD PATENT HYGIENIC TRUSS COMPANY, LTD.
44 ST. ANDREW STREET, CAMBRIDGE.

DO NOT REFUSE ORDERS, BUT WRITE,

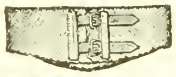
and instructions for taking Measures and Prices of the best Surgical Appliances for the following cases will be forwarded per return.

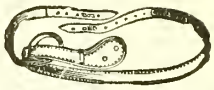
J. H. HAYWOOD,

Surgical and Athletic Appliance Manufacturer,
CASTLE GATE, NOTTINGHAM.

Specialities: TRUSSES for Ruptures of all kinds.

Special Quality for Colliers Engine Drivers, &c. Ladies' and Gentlemen's Supporting Belts and Bandages. Toro-Plastic Jackets and Steel Instruments for Curvature of the Spine moulded to the Patients as in London. Splints and Instruments for Deformed Feet and Legs. Chest Expanding Braces for Stooping Shoulders and Contracted Chests. Patent Elastic Surgical Stockings, without Seams, for Varicose Veins, Sprains, &c. Magnetic Belts and Appliances for all parts of the body. India Rubber Appliances, Invalid Furniture, Bath Chairs, Carriages, Crutches, Ear Trumpets, Throat, Ear and Nose Instruments, &c. Artificial Arms, Legs, &c. Strong Cheap Articles for Working Men. Appliances scientifically made and carefully fitted at the Manufactory.





Invalids waited upon at their own Residence (by Lady Attendant) if wished.

SELL AT SIGHT.

DR. NELSON'S MEDICATED LOOFITE SOCKS.

Impregnated with Boracic Acid, Pine Oil, &c. Patented.

ONCE WORN, ALWAYS WORN.

Now on the P.A.T.A. 4/- per dozen, 46/- per gross. Retail, Face Value, 6d. per pair.

JOHN MORGAN DAVIS & SONS, 89 Bishopsgate Without, LONDON, E.C.
ESTABLISHED 1838.

DISPENSING BOTTLES & PHIALS.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, St. Pancras, London, N.W.

Beg to call attention to their REDUCED PRICES.
We make the New Shape, Oval Fronted Bottles. No extra charge.

FIRST QUALITY.

3 & 4	6 & 8	12	16 ounce.	
9/-	10 -	15/-	20/- per gross	Round edges, plain or graduated, quinine tinted

SECOND QUALITY.

3 & 4	6 & 8	12	16 ounce.	
7/6	8/6	12/-	18 - per gross	Round edges, plain or graduated, clear blue tinted

PANEL BOTTLES (reduced prices).

2	3	4	6	8 ounce
7/6	8 -	8/-	9/-	10/- per gross.

WHITE PHIALS—GOOD QUALITY.

½	1	1½	2 ounce	
3/6	4/-	4/6	5/6 per gross	Plain or teaspoons.

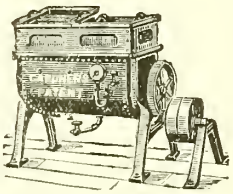
Six gross and upwards, assorted or otherwise, sent carriage paid to any address in the United Kingdom. Smaller quantities not carriage paid.

Established 50 years. Bankers: London and Westminster Bank.

GARDNER'S PATENT

"RAPID" SIFTERS & MIXERS

OVER 2,870 working in Almost Every Trade where POWDERS are Sifted and Mixed and Lumps Reduced, all being done at one operation and without loss by dust.



FOR HAND OR POWER.

From 55 - to £90.

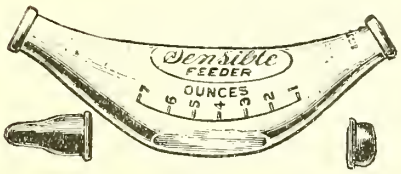
CATALOGUES FREE.

WM. GARDNER & SONS, Engineers, GLOUCESTER.

F. H. TAYLOR & SONS,

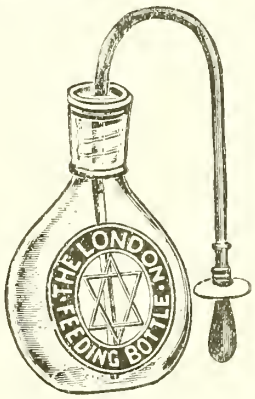
NEW WHARF ROAD, KING'S CROSS, LONDON, N.

Telegrams: "TAYLORATOR LONDON." Telephone: CENTRAL 4488.



849.

Feeding Bottles.



479.

849	**Hygienic, "THE SENSIBLE,"** fitted with black teat, cap valve, and brush, complete in box	**4/-**
849/1	,, ,, ,, ,, ,, best quality black teat, cap valve, and brush, complete in box	**5/2**
849/2	,, ,, ,, ,, ,, transparent teat and cap valve, and brush, complete in box	**5/-**
849/3	,, ,, ,, ,, ,, black "Agrippa" band teat and valve, and brush, in box complete	**6/8**
849/4	,, ,, ,, ,, ,, transparent "Agrippa" band teat and valve, and brush, in box complete	**7/6**

SPARE BOTTLES, TEATS, &c.

479	White glass, bent screw neck, black fittings, 6-inch tubing, loose ... ... per gross	**26/-**
479/1	,, ,, ,, ,, ,, ,, ,, ,, ,, in wood box of 1 doz. ... ... ,,	**29/-**
479/2	,, ,, ,, ,, ,, ,, ,, ,, ,, each in card box... ... ... ,,	**33/-**

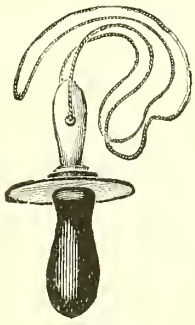
If fitted with 7½-inch tubing **1/-**, and if with 9-inch tubing **2/-** gross extra.

SPARE BOTTLES, SPARE FITTINGS.

479/3	White glass, bent screw neck, best black fittings, 9-inch tubing, 2 brushes each in card box	**48/-**
479/4	,, ,, ,, ,, ,, transparent fittings ,, ,, ,, ,, ,, ,, ...	**54/-**

SOOTHERS.

921.



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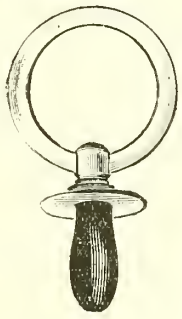

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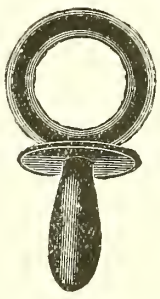

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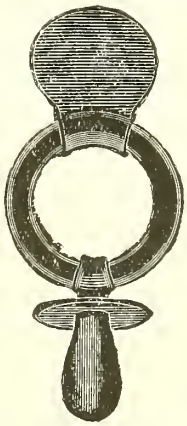

956

921	Bone ring, shield, black indiarubber teat, on cards of 3 doz. ... ... per gross	**8/-**
922	Wood olive mount, shield, black indiarubber teat and cord, on cards of 3 doz. ... ... ,,	**7/-**
923	Bone ring, shield, black indiarubber teat, large size, on cards of 2 doz. ... ... ,,	**12/3**
923/1	,, ,, ,, transparent indiarubber teat, on cards of 2 doz. ... ... ,,	**16/6**
923/2	,, ,, ,, stout black ,, ,, ,, 2 doz. ... ... ,,	**23/-**
922/1	Bone olive mount ,, ,, ,, ,, ,, 3 doz. ... ... ,,	**15/6**
922/2	,, ,, ,, stout transparent teat, on cards of 3 doz. ... ... ,,	**15/6**
928	All rubber, ring, teat and shield ... ... ,,	**8/-**
928/1	,, ,, ,, ,, larger ... ... ,,	**16/6**
928/2	,, ,, ,, ,, best quality ... ... ,,	**24/-**
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